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Students, alumni and community members converge on Homewood Field during Homecoming Weekend for the Loyola vs. Hopkins game.

XIXI XU/PHOTOGRAPHY STAFF

Hopkins welcomes alumni back to campus

By ALEXANDRA
BALLATO
Staff Writer

Last weekend, approximately 5,000 alumni and their families returned to Homewood for Alumni Weekend. A multitude of events were planned over

the course of the weekend to bring together members of various graduated classes in an effort to evoke memories of their time at Hopkins.

Many different drivers motivated alumni to register for the weekend's festivities.

"This was the third Alumni Weekend that I have attended," Graham Ellis, a member of the Class of 2010, wrote in an email to *The News-Letter*. "I attended this year, like the others, primarily to see old friends."

"I came back primarily to ... meet with my former advisor Dr. Matt Crenson, participate in the Hopkins Rugby alumni match and congregated at the chapter house of my fraternity, Phi Kappa Psi," Daniel Teran, also a mem-

ber of the Class of 2010, wrote in an email to *The News-Letter*.

On Friday afternoon, tours of the JHU Press, MSE Library, Brody Commons and Gilman Hall were offered in order to acquaint graduates with facilities on campus that have undergone renovation in recent years.

The evening continued with Rum and Reminisce, a rum tasting event held in Levering Hall. Franklin Knight, a Hopkins

SEE HOMECOMING, PAGE A6

Chief Justice found guilty of campaign violations

By AUDREY COCKRUM
News & Features Editor

This past Sunday, April 28 the SGA Judiciary unanimously ruled to uphold the CSE's decision to disqualify Schaefer Whiteaker from the SGA Executive Elections. Whiteaker, who currently holds a position as SGA Chief Justice, was running for Executive Treasurer.

Exactly a week earlier, a decision was made for Whiteaker's appeal in which the Judiciary decided to overturn the CSE's ruling; however, the Judiciary later elected to reevaluate their decision after realizing that evidence used in the CSE's decision was not considered in their own.

"To ensure that we were given all the information used in the CSE's decision, we convened with a CSE representative on Wed., April 24 to clarify what evidence was available to them," sophomore Jonathan Ung, another Justice on the SGA Judiciary, was quoted in an email from the University.

After receiving this additional information, the Judiciary held a re-vote, at which time they chose to uphold the CSE's decision.

The final results confirmed that the SGA 2013-2014 Executive Council will consist of Alex Schupper as President, Janice Bonsu as Vice President, Dylan Gorman as Treasurer and Kyra Toomre as Secretary.

Due to Whiteaker's disqualification, Gorman, as the runner-up, automatically assumed the position of Executive Treasurer.

"It's unfortunate that things had to happen this way, but that is why we have rules — to protect the integrity of a fair election. If there are no consequences for breaking the rules, then following them becomes a disadvantage," Gorman wrote in an email to *The News-Letter*. "I think the violations had a significant impact on the election, as suggested by the unanimous rulings by both the CSE and Judiciary."

Whiteaker could not be reached for comment.

University picks new chief academic officer

By JACK BARTHOLET
News & Features Editor

Robert C. Lieberman, from Columbia University, has been appointed the University's 14th Provost and Senior Vice President for Academic Affairs. President Ron Daniels announced this appointment in an email sent to the JHU community Monday.

Lieberman will replace interim provost Jonathan A. Bagger, who is also the Vice Provost for Graduate and Postdoctoral Programs and Special Projects and the Krieger-Eisenhower Professor of Physics and Astronomy.

"Rob brings a scholarly record and leadership ex-

perience, clearly marked with the 'excellence gene,' that will make him a wonderful partner for me and the university's senior leadership team as we work to advance our mission," Daniels said in a statement.



COURTESY OF DENNIS O'SHEA
Lieberman will replace Jonathan A. Bagger as provost.

The position of Provost and Senior Vice President for Academic Affairs is designed to serve as the chief aid to the President, and to oversee the various academic realms of the university.

"The provost's job is chief academic officer, so it's the person who's in charge of being essentially the guardian of the academic enterprise," Dennis O'Shea, Executive Director

SEE PROVOST, PAGE A4

Project Unbreakable inspires students

By AUDREY COCKRUM
News & Features Editor

The Sexual Assault Resource Unit (SARU) and JHU Student Life co-hosted speaker/photographer Grace Brown, the creator of Project Unbreakable, this past Tuesday evening in Mudd Hall. Brown spoke to students about the beginnings of Project Un-

breakable and educated them with a slideshow of her photography.

Project Unbreakable aims to empower survivors of sexual assault by giving them a voice and raising awareness. Brown photographs survivors holding signs that display quotes from their attackers, or sometimes even from their friends and family.



GEORGINA EDIONSARI/PHOTOGRAPHY EDITOR
SARU's Bougrab and Foxx stand with Project Unbreakable's creator.

Though Brown had sought to combat sexual violence in high school, she found little success in simply sharing statistics with her friends and peers. The inspiration for a new method of communicating her message came to her one night in October 2011.

"I was out with a friend for Halloween, and all of a sudden she blurted out the story of her sexual assault. She was fourteen, and she had too much to drink at a party one night, and her attacker crawled into her bed. When she told her friends what had happened, they brushed it off and said: 'That's just what he does — move on.'"

Though Brown had heard dozens of similar stories prior, she explained how this one especially

SEE UNBREAKABLE, PAGE A4

By GEORGINA RUPP
Senior Staff Writer

The JHU College Democrats and College Republicans competed Tuesday night in a debate hosted by *The JHU Politik*. The debate covered three topics: President Barack Obama's budget vs. Congressman Paul Ryan's budget, immigration and gun control.

The idea for the event was spurred by senior Randy Bell, a member of *The JHU Politik* and a former member of the JHU College Democrats.

"He brought the idea to *Politik*, and we felt it would fit well with our mission to be a place of political discourse on campus where people feel comfortable expressing their views," senior Jeremy Orloff, Co-Editor-in-Chief of *The JHU Politik*, said.

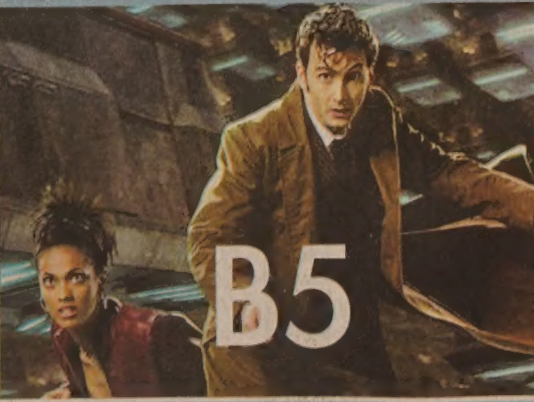
The event was the first of its kind. Bell, along with the presidents of the JHU College Democrats and the

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NEWS & FEATURES



Fiji Islander Princess competition winner Phillips Mitchell is carried around the President's lawn during the annual philanthropic event.

Phi Gamma Delta hosts Islander party

By NICOLE ZIEGLER
Senior Staff Writer

The Phi Gamma Delta (Fiji) fraternity hosted their annual Fiji Islander on the President's lawn last Saturday. The afternoon event collected proceeds for the United Services Organization (USO) and The Katie Oppo Research Fund.

The event started at noon and ended at 6 p.m., offering alternative entertainment to the Homecoming men's lacrosse game. Headlining the event was the band Natural Child, which was recently ranked at 21 in Buzzfeed's Top 30 Upcoming Bands.

"The Islander was not overly packed, but there was a very high attendance. This allowed for a

very relaxed atmosphere where everyone could enjoy themselves," said freshman Jackie Marin.

The Fiji Islander is more than just a concert: it plays a major role in Fiji's philanthropic endeavors. The fraternity was able to raise over \$2,200 for the Katie Oppo Research Fund, a nonprofit organization dedicated to raising funds for ovarian cancer research. Furthermore, the Fiji Islander raised more than \$1,000 for the USO, Fiji's national partner.

One way in which Fiji was able to raise money was through the Fiji Islander Princess Pageant. Sophomore Sophie Heitmiller, senior Phillips Mitchell, freshman Samantha Fink, sophomore Lauren Day and freshman

Nicolette Rouqué all competed in the third annual pageant. All the girls, excepting Mitchell, were representatives from different sororities on campus; the student able to get people to donate the most money in their name won the crown. All of the proceeds went to the Katie Oppo Research Fund.

This year, Mitchell, the unaffiliated candidate, took the Fiji Islander Princess crown.

"I love fundraising and any sort of philanthropic event. So as a senior, Fiji Princess was a must-win title for me," Mitchell said.

The event was also a means for students and alumni to come together during alumni weekend.

"It was great to see all the alumni at the Fiji Is-

lander. Since my cousins are Hopkins alumni, I was able to attend the event with them. It was nice to see so many people together," said freshman Keely Herring.

Senior Michael Kimmelman was the chief organizer of the Fiji Islander.

"Fiji chooses to have an on-campus event because on-campus events draw the largest crowds and therefore raise more money for charity. Additionally, on-campus events represent our commitment to the entire Johns Hopkins community," Kimmelman said. "During Homecoming especially, alumni want to spend as much time on campus as possible, so we try to cater to them and make them feel at home."

Blue Jay 5k run raises awareness

By ELI WALLACH
News & Features Editor

Students, alumni and community members came together this Sunday to participate in the 11th Annual Johns Hopkins Blue Jay 5K and 1/2 Mile Fun Run. With 341 people registered for the event, organizers were able to raise over \$11,000.

The charity event was organized by the Johns Hopkins Track and Field Team. On top of flat donations, participants gathered sponsors to raise money for the Lymphoma Research Foundation.

This year's run was especially significant, as it commemorated the recent loss of Hopkins student and Track and Field athlete Rebecca Grande, who passed away in the fall due to non-Hodgkin's Lymphoma.

"This year's race will benefit the Lymphoma Research Foundation, a cause that's very close to all of our hearts. This past fall, we lost a teammate to non-Hodgkin's lymphoma, and our goal to honor her is to bring awareness to this pressing cause and to help raise money to support its research," the run's 2013 Mission Statement reads.

Runners began the 5k at 9:45 a.m. at the North Gate. The course took participants around Homewood campus, down below Mason Hall and up San Martin Drive. It was preceded by a warm-up led by Lynne Brick from the Brick Bodies Gym and then followed by a 1/2 mile "fun run." The "fun

run" consisted of two laps around Homewood field and was intended for younger race participants.

Freshmen Colin O'Connor, who helped organize the event alongside senior Alana Merkow and junior Weston Butler, was impressed with the event's outcome.

"I think it was a great effort. We started planning it in January, so it took a while to get going. But overall, it took two hours to raise over \$10,000, which I think is great," O'Connor said. "And although this one took a lot of time and effort, it definitely raised a good

amount of money, as well as support and awareness for diseases like this and how it can affect even your closest friends and students."

Participants came not only from the Hopkins community,

but from the Baltimore community as a whole.

"It was fun being part of an event that was not only among Hopkins students, but really a community event," freshmen participant Davis Einolf said. "There were a lot of adults there and a lot of community members. So we got to have a lot of fun on a beautiful day, and we got to do our part for cancer research."

For O'Connor, the event was also a great way to spread his passion for running.

"Especially since the track team is running it, this race means a lot. This is what we do everyday, and people can now see what we do everyday after class," O'Connor said.

Gun policy expert weighs in after Senate bill fails

By JACK BARTHOLET
News & Features Editor

On Jan. 14-15, Hopkins held a national summit focused on reducing gun violence following the fatal shooting of 20 children and six adults at Sandy Hook Elementary School in Newtown, Conn. Since the summit, national debates over gun policy have engulfed the country, with studies from the Bloomberg School of Public Health fueling the discussions.

Daniel W. Webster is the Director of the Johns Hopkins Center for Gun Policy and Research at the Bloomberg School. He coedited "Reducing Gun Violence in America: Informing Policy with Evidence and Analysis," a report produced as a product of the January summit. This report was given to every member of Congress, along with key individuals in the Obama Administration.

Since the summit, Webster has testified before both the U.S. Senate and the House of Representatives on his work, and his findings have been widely cited on the national stage.

"I testified in both the U.S. Senate and the House, we were consulted by senators and representatives who were working on legislation, [and] we provided a lot of the data, both on the effectiveness of universal background checks as well as data on very broad public support for these measures," Webster said. "Those data, particularly the polling data, have been repeated over and over and over again by a variety of different actors relevant to this legislation."

These polls show that 91 percent of all Americans support universal background checks for gun owners. Additionally, they revealed that 91 percent of all gun owners, 85 percent of NRA household members and 74 percent of NRA members themselves

are supportive of the legislation.

However, Webster pointed to a recent Senate vote on universal background checks that failed to achieve the 60 votes needed to end debate as a cause for concern.

"Obviously the Senate vote recently, where they were unable to get sixty votes to move the legislation to get background checks was a huge disappointment to individuals hoping to reform and strengthen federal gun laws," Webster said.

Yet Webster also highlighted changes in the nation's political climate, viewing them as positive signals of support for gun policy reform.

"But we see something that we haven't seen for a very long time — 15 years or more — and that is politicians who are eager to sponsor bills, politicians who are eager to support those bills and a really intense groundswell of support and activism by the very large majority of Americans who want to strengthen our gun laws to keep guns from very dangerous people," Webster said.

Webster also pointed to successes in changing state laws to strengthen gun policies.

"While we were hopeful in targeting federal legislation, there have been very successful efforts to strengthen state gun laws. Of course in the State of Maryland, we played a very instrumental role in developing those policies and providing the empirical evidence supporting why they would reduce gun violence," Webster said.

In addition to Maryland, Webster also pointed to successful efforts to fortify state laws in Colorado, Connecticut, Georgia and other states.

Webster explained that he views background checks as the most impor-

tant policy objective, while also emphasizing that additional efforts are needed.

"I have to say, the single most important thing we need to do is get a federal law requiring background checks for all gun sales. That remains the single most important thing we can do, and I think it's politically achievable," Webster said. "I think that there are also other things that are quite important that could also get done, if again people roll up their sleeves and put in the hard work to move it forward."

Additional measures that would reduce violence he advocated included granting law enforcement more tools in their efforts to prosecute gun traffickers and augmenting a severely underfunded budget for the Bureau of Alcohol, Tobacco, Firearms and Explosives.

Failure to address the issue of gun violence, Webster contended, would have national repercussions, manifesting in two different forms:

"One kind of repercussion is we will fail to protect citizens from gun violence, and we're going to continue to have ridiculously high rates of homicide and gun violence like we have," Webster said.

The other form, he argued, is political backlash against politicians who oppose stronger gun laws.

"I think that the conventional wisdom for a very long time has been that all the energy has been on the side of opponents of stronger gun laws, and that basically they were the only group that could hurt you if you didn't go their way," Webster said. "And what we're seeing right now, what's in the news right now, is there are efforts underway — grassroots efforts — and some that are more political in nature ... those organizations have vowed to, in essence, make politicians pay for not fol-

CORRECTIONS

In the April 25 issue, in the article "Politik discussion sparks debate over pot," on page A2, JHU Politik Editor-in-Chief Matt Varvaro's name was misspelled.

The News-Letter regrets this error.

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NEWS & FEATURES

JHU dining implements amnesty program

By ELIZABETH ARENZ
Senior Staff Writer

Last Thursday, Hopkins students received an email from Bill Connor, Director of Dining Programs, announcing the kick-off of the JHU Dining Amnesty Program.

The JHU Dining Amnesty Program, originating from the severe depletion of dining-ware inventory, calls on students to return any items that they might have borrowed from the dining facilities.

"[There is] a need for the return of any items that have been borrowed from the dining hall," Connor wrote in an email to *The News-Letter*. "We are at a crucially low point in our inventory of silverware, dishware and cups."

Connor especially elaborated on the dire situation that Nolan's on 33rd faces.

"Nolan's has had so much silverware disappear over the course of the semester that we are forced to offer only disposable silverware until the end of the semester," Connor wrote.

Connor hopes this plea will catalyze the return of missing dining-ware, the absence of which has caused the dining program to struggle to keep locations fully functioning.

"Our goal is to offer a great dining program to the entire JHU community and we are having a hard time right now because of the shortage of dishware, silverware and cups," Con-

nor wrote.

Bon Appétit will replace Aramark as dining service provider for Hopkins after the latter's seven-year stint as the University's exclusive food provider. Though the terms of the contract between Bon Appétit and the University are not fully settled at this time, a timeline of five years has been proposed.

Connor noted that this is the first changeover in service that he has seen since his promotion to his current position. Before Aramark, the school used Sodexo as its food service provider.

"It is a normal part of business to change dining contractors over time," Connor wrote.

A committee was formed as Aramark's contract ended to review the companies vying for the job at Hopkins. After viewing presentations, receiving bids and venturing further through operational visits to other institutions serviced by Bon Appétit, this group selected the aforementioned brand because it appeared to offer the most suitable services for Hopkins.

"Bon Appétit was the best fit for our community and had the most to contribute to the dining program," Connor wrote.

Norman Zwagil, the Bon Appétit Management Company Resident District Manager in charge of the brand's operations at Hopkins shared similar sentiments to those of Connor. He noted that while the business will

definitely be the replacement service provider, the details of its implementations are still being finalized.

"We're still in the formative stages for everything, but we're on campus now meeting with everyone," Zwagil said.

Though many aspects of this conversion currently remain uncertain, it has been decided that all of the workers tied to Aramark will be able to keep their jobs. Should they choose to retain their current employment, these workers will then most likely be trained by Bon Appétit, their new employer.

"The current dining associates have the opportunity to continue employment, if they so choose to," Conner wrote. "I am sure that there will be a training for the associates by Bon Appétit but this area has not yet been defined."

Zwagil has hope Bon Appétit, as the new contractor, will build a modern and comprehensive dining program for Hopkins, fully satisfying the University's students.

On its own website, Bon Appétit Management Company offers a look at its business, as well as its vision for how it wishes to fulfill its job.

"[Bon Appétit Management Company] provides café and catering services to corporations, colleges and universities, and specialty venues," it reads. "We do this in a socially responsible

manner for the well being of our guests, communities and the environment."

One of the major changes that will come along with this transition is the replacement of Einstein Bros Bagels with an alternate breakfast café. Connor assured Hopkins students, however, that Bon Appétit will bring a café to the space with a menu similar to that of Einstein Bros Bagels.

"[We] have every intention to offer a similar breakfast menu to what is currently available," Connor wrote. "We understand the importance of the breakfast and coffee options that Einstein's is able to offer and assure you that it will continue in the future."

Though a great deal needs to be finalized before the start of the fall semester in the new academic year, Zwagil expressed his excitement to be working with Hopkins.

"We'll be fully up-and-running by the fall," he said. "We're really excited to take over the dining program at Hopkins."

At this time, both Bon Appétit and the Dining Program of Hopkins encouraged students to be on the lookout for updates in the coming months.

"We will share the details of the dining program for the fall over the course of the summer," Connor wrote. "We plan to put information in multiple media outlets to include: e-mail, publications, social media and our website."

Step Up Week promotes philanthropy on campus

By ELI WALLACH
News & Features Editor

Hopkins's annual Step Up Week returned to the Homewood campus this week to commemorate and inspire philanthropy.

The week is coordinated by the the Step Up Committee, which consists of both students and faculty members in the Office of Alumni Relations. Seniors Louisa Drake and Marni Aronson stood as this year's co-chairs of the committee.

"The mission of Step Up is to educate students about how philanthropy impacts student life at Johns Hopkins. We are trying to teach students to appreciate philanthropy and giving back to your school and appreciate what the alumni have done for our students by giving back to the school and how it can enrich the student experience here," Drake said.

Step Up defines philanthropy at Johns Hopkins as the desire to promote the welfare of the Johns Hopkins community, expressed especially by the generous donation of time, talent and money to a good cause.

Step Up Week's events this year were filled with free giveaways and service opportunities. The week was kicked off Saturday with a Homecoming Barbecue and Pre-Game rally on the Freshmen Quad. The following day, students gathered on the Beach to celebrate with the Step Up Launch Party.

On "Meaningful Monday," students came together on the Decker Quad to write personalized thank you cards to people who donated money to Johns Hopkins while enjoying burritos from Chipotle.

Tuesday's event allowed for students to learn about the history of philanthropy at Johns Hopkins through a Step Up board game set up in the Levering Courtyard.

Step Up continued on Wednesday with an MSE study break on the Brody Learning Commons Tyler Terrace. While learning about the history of the Sheridan Libraries, students were

able to enjoy free snacks, coffee and massages from the Stressbusters, an organization run through the Johns Hopkins Center for Health Education and Wellness.

To celebrate the 80,245 recorded hours of community service performed by Johns Hopkins undergraduate students during the fall semester, Step Up plans to provide free smoothies and an opportunity to create comfort bags for young patients at the Johns Hopkins Children's Center on the Beach today at noon.

And to celebrate the final event of the week, Step Up will be hosting Penny Wars this Friday in the Levering Courtyard, where the different classes will compete among themselves as to which class can donate the most change.

"Hopkins was founded on a \$7 million gift. Most students don't know that, and they don't understand that without philanthropy, there wouldn't even be a Johns Hopkins today," Aronson said.

Aronson went on to elaborate that much of the benefits that students enjoy here on campus, whether they are student life programs or the new Brody Learning Commons, are direct results of philanthropy.

"We have unique opportunities here that not many people in the world get. We are privileged to get this great education. So it is only fair that we recognize how lucky we are to be here and appreciate the gifts that allowed for this school to happen," freshmen Sally Minn, who attended Monday's event, said.

This year marks the Step Up Week's third year of existence. However, according to Drake, while Step Up Week is relatively new, it has already garnered a significant presence on campus that is only growing over time.

"As the years have gone on, people have recognized it more, and they understand our events more. And now they have heard of our events and they come to them more than they had come in the beginning," Drake said. "So it has definitely gotten more popular over time."

Campus book drive honors alumna Anne Smedinghoff

By CHRISTIAN WRIGHT
For *The News-Letter*

This past Saturday and Sunday, students and alumni joined together to host a book drive in front of the MSE Library in memory of Hopkins alumna Anne Smedinghoff. The book drive was accompanied by a memorial service held Saturday morning at Hodson Hall.

Smedinghoff, who graduated from Hopkins in 2009, was killed this past April in a suicide bomb attack in Afghanistan while delivering donated textbooks to Afghan students.

Her death marked the first death of a U.S. diplomat after the Benghazi attacks and garnered international media attention.

Touched by the tragic loss of the Hopkins alumna, senior Phillips Mitchell reached out to Sasha Niemeyer, an alumna from the class of 2009 who was friends and classmates with Smedinghoff. Together they organized a book drive that was worked by over twenty students and four alumni over two days.

"I believe [the book drive] is important because it demonstrates our support of alumni who support us and our pres-

ence on campus. They enable Hopkins to be such a great place through their success and I think this is a great way to show our appreciation," Mitchell said.

The drive collected a variety of books that will be donated to Baltimore Reads, a local nonprofit that collects books for Baltimore children in need. Baltimore Reads has decided to dedicate its annual Books for Kids event to Smedinghoff and is working to create a program in her memory to deliver age appropriate books to second graders throughout the Baltimore school dis-

trict as a way to commemorate and carry on her commitment to literacy.

"As a freshman who never had the pleasure of meeting Anne, I was stunned by the volume of book donors. They didn't donate because they had old books lying around—they did it in her honor, and I think that says a lot about her character," freshmen Georgie Koeppke, who worked at the book drive, wrote in an e-mail to *The News-Letter*. "Her story is tragic. But I think by hosting a book drive, Johns Hopkins was embracing her spirit in the best way physically possible."

The Triple Helix holds a panel to discuss global health problems and solutions

By JESSICA KIM COHEN
Staff Writer

The Triple Helix, the undergraduate journal of science, society and law, hosted a panel event titled "Discussion on Innovations for Global Health" in the Charles Commons Ballroom on Monday. Professors from Hopkins and other universities used the event as a forum to speak about the challenges and breakthroughs in the interdisciplinary field of global health.

"I think the event was unique from others at Hopkins, because it brought together faculty not from one specific discipline, but from different fields to discuss the general subject. Participants were able to touch on the technological, clinical and commercial factors of global health issues," President of *The Triple Helix* Akshay Sanghi said.

Addressing the roughly 30 attendees, guest lecturer Dr. Sujata Bhatia, a professor of biomedical engineering at Harvard University, discussed the potential of biology-based materials in medicine.

Bhatia talked about how she became involved in engineering polysaccharide-based tissue sealants after learning about the high number of internal wounds

patients of surgery sustain. She said it occurred to her that some sort of sealant was an unmet clinical need.

Bhatia argued that the potential of biomedical innovations is far-reaching because a focus on naturally-derived polymers allows developing nations to enter the biomedical field.

In an effort to facilitate this goal, Bhatia held biopolymer workshops in Kenya, where she educated participants in current research and techniques and had them brainstorm ways to use their new knowledge to address unmet needs.

"I encourage all to be engineers and innovators. It's about seeing unmet needs and innovating. We can inspire people all over the world to let them know they can be scientists," Bhatia said.

Following Bhatia's presentation, faculty panelists introduced themselves and discussed how their professional focus related to global health.

Vice Chair of the Department of Material Science and Engineering John Erlebacher commented on the world population's reliance on manufactured materials.

He also reminded the audience that global health issues should be addressed using the technology available today.

"These problems are big. While we should explore future innovations, we should not rely on these non-existent technologies to solve today's problems," Erlebacher said.

Vice President and Medical Director of Jhpiego Harshad Sanghvi discussed the difficulty of expanding

veloped creative solutions. He stressed that healthcare is not about the best care that exists, but about the best care that can be brought to the majority of the population.

"We once trained nurses to do C-sections. We have to train whoever is available rather than physicians, so we have to make

Agarwal found that many providers were not following basic guideline practices. The reasons behind this spanned from inadequate training to the expense of costly procedures.

Agarwal wants data collection such as this to become routine so that providers recognize what errors are being made repeatedly.

Department of Biomedical Engineering and Carey School of Business Assistant Professor Dr. Youseph Yazdi discussed his experiences developing new devices.

"Actually sit down and listen to try to figure out what the real problem is. Lots of people are out there solving the wrong problem, so listening is the first step, it is this critical part," Yazdi said.

He encouraged students to use a spiral rather than linear model when developing technology: rather than beginning with an idea and working from there, he said students ought to take into consideration the organizational, clinical, technical and commercial factors. Yazdi also noted the importance of reevaluation during the process.

"Don't waste time. Do the initial stuff first, and if it still makes sense, then move on," he said.

After their introduc-

tions, the faculty participants engaged in a short question and answer session with the attendees.

"I had never attended a *Triple Helix* event before, and I think this was great event that should help them get more well-known. I was expecting a more formal panel discussion, but it was also nice how the panel turned into a more informal group talk," senior Jai Lakhanpal said.

The Triple Helix utilized the event as a venue to launch their annual publication, *The Science in Society Review*.

"We don't usually do a launch event like this. Last year, we just distributed our publication around campus. We thought combining this with an event this year would be more interesting though," Sanghi said.

The Triple Helix members hope to host a similar event in the future, and are focusing on efforts to expand their audience.

"I thought the event was really good. I especially liked Dr. Yazdi's emphasis on listening to the patient and problem solving. It's really simple advice, but very profound," Anisha Contractor, a graduate student at the Bloomberg School of Public Health, said.



LEON SANTHAKUMAR / PHOTOGRAPHY EDITOR
The Triple Helix hosted a discussion on health issues around the globe.

innovations globally. Jhpiego, an affiliate of Hopkins, works to bring quality healthcare and health innovations to countries around the world.

Sanghvi described the issues facing developing countries, including a lack of guidelines and standards, inadequate supervision and overcrowded hospitals.

Despite the challenges, Sanghvi said Jhpiego has de-

veloped creative solutions. He stressed that healthcare is not about the best care that exists, but about the best care that can be brought to the majority of the population.

"We once trained nurses to do C-sections. We have to train whoever is available rather than physicians, so we have to make

After collecting data on what providers in various countries do when confronted with problems,

NEWS & FEATURES

Project helps sexual assault victims heal

UNBREAKABLE, FROM A1

affected her. "I remember hearing this story and feeling everything inside of me crumble. I could not imagine the fact that I was living in a world where people were constantly being treated as objects. The next day, I woke up with the idea for Project Unbreakable."

That following morning, Brown shared the idea with her friend from the night before, and that friend became the first person ever photographed for Project Unbreakable.

Within two weeks of uploading the photo to a website, Brown's inbox flooded with emails from people thanking her for what she was doing and asking to become a part of the project.

"Those were the two most surreal weeks of my life," she said. "I had started a tiny little photography project just to create a little bit of awareness for my own circle of friends, but instead, at nineteen years old, I had stumbled upon a new way of healing for sexual assault survivors."

At first, Brown did not show faces in her photos; however, she changed her mind after a friend suggested that it be an option.

"That was the most important decision I ever made," Brown said. "By showing faces in these photos, it puts a person behind a statistic, and it makes it a whole lot more real and a lot harder to forget."

Throughout her presentation, Brown showed her audience numerous slides of different survivors to demonstrate the evolution of Project Unbreakable. Another unexpected but significant step in the project's development was expanding to submissions.

"Expanding to submissions was so critical because it allows more and more people to get involved, create a community and have a voice," she said. "In the end, this project is not about my photography. It's about empowering and supporting survivors."

Since the start of Project Unbreakable, Brown has photographed over four hundred survivors and received over one thousand online submissions.

"From reading her Tumblr, I never fail to be impressed by her wisdom, maturity, insight and hope," Ali Foxx, co-director of SARU, wrote in an email to *The News-Letter*. "I was so excited when Dean Boswell gave us the go-ahead to arrange for Brown to come to Hopkins. We immediately started emailing her

to plan the event."

Foxx and her co-director, Nassira Bougrab, hoped that Brown's presentation would help to spread awareness of sexual assault on campus and create a safe space for survivors to feel connected and empowered.

"So many times survivors feel alone after an assault and this can contribute to our culture of silence," SARU wrote in an email to *The News-Letter*.

The issue of sexual assault — especially on college campuses like Hop-

kins — too often goes unacknowledged. "It's important that survivors are believed and validated. We hope that through Grace Brown's presentation survivors can

have that platform to share their experience and receive support from their peers."

Throughout the 2012-2013 academic year, Dean Boswell and SARU have been working especially hard to combat sexual violence at Hopkins, and they both believe that talking about the issue is the first step.

"The more we create a dialogue around the topic of sexual violence, the more students will be able to support survivors in their lives and the more survivors will feel comfortable coming forward to report," SARU wrote. "There are many survivors on our campus and we hope that bringing Project Unbreakable to Hopkins let them know that they are believed in and they are supported."

Ultimately, Student Life and SARU hope to create a campus that is free of sexual violence and supportive for survivors of sexual assault. SARU acknowledges that there is still much work to be done on campus to achieve this goal.

"With the new Safe Line, Safe Ride and the Coalition Against Sexual Assault, our campus is taking steps, but these are only first steps," SARU said. SARU hopes that Brown's presentation and future ones like it will further make a difference in the way sexual assault is looked at and dealt with at Hopkins.

The auditorium was packed, and Foxx and Bougrab agreed that the event was a great success.

"We were beyond thrilled by the attendance at this event. It was incredibly powerful to see how many people came out because they care about survivors and they care about ending sexual violence. Hopkins is a place full of people who are going to change the world and we could not have been happier with the passion these students brought to Project Unbreakable."



JENNY CHO/PHOTOGRAPHY EDITOR

The College Democrats and the College Republicans faced off against each other in a series of debates hosted by *The JHU Politik*.

College Dems and Reps engage in debates

DEBATE, FROM A1

College Republicans, determined rules, topics, debaters and moderators for the event.

Members of The JHU Politik, along with the JHU College Democrats and Republicans, were pleased with the event.

"There was a great turnout on both sides," Orloff said. "We allowed for applause after some of the rebuttals, and both sides always received applause."

Sophomore Jordan Carmon, a current member of the College Democrats and next year's President, agreed that the debate was successful.

"I thought it was great," Carmon said following the event. "I spoke with the Republicans afterwards, and it's something we definitely plan on doing again next year."

The debate was The JHU Politik's penultimate event of the semester, rounding out a year of far more events from the publication than in recent years.

"This is part of our mission for the future," Orloff said. "We're aiming to be the center of political debate on campus, and creating a bigger presence

on campus is crucial to that plan."

Orloff sees the success of Tuesday's debate as a sign that Hopkins will develop into an even more politically active campus in the future.

"There were freshmen involved on both sides, which is a great thing showing that Hopkins is going to be more political going forward and less apathetic," Orloff said.

The debate was certainly impassioned and full of insightful and well-informed remarks.

"Ryan's plan is not about a fear of debt; it's about a fear of government," Carmon said during the debate on budget plans. "The Republican party is stuck in the past."

To this, one of Carmon's opponents, sophomore Matthew Lehmann, responded with his opposing point of view.

"Obama's plan stabilizes the deficit; our plan addresses it and reduces the debt to GDP ratio," Lehmann said. "It's about security. [The Obama plan] would like you to believe the budget is all about research and development, education and infrastruc-

ture, but these are based on cigarette taxes, a behavior we'd like to deter."

In turn, Carmon responded with commentary on the importance of education in his view.

"Nothing reduces the deficit more than promoting economic growth," he said. "Our economy grows when we are the most competitive, the most educated. This starts from the middle and grows out, not from the top down."

Members of the College Democrats enjoyed participating in the debate.

"We had three people working together on each topic, and then two debated," junior Suzy Yaster, President of College Democrats, wrote in an email to *The News-Letter*.

"A lot of preparing felt natural for our team, because these are the types of discussions we have each week at our meetings," Carmon said. "It's fun to share convictions you hold so deeply, especially when you put them to the test of a debate."

No winners were chosen at the end of the event as it was intended to be

an informed debate rather than a competition based on audience attendance.

"Simply having attendees learn something or hear a new perspective was the goal," Yaster wrote.

Strong opinions continued to be shared throughout the night, which ended on the topic of gun control.

College Republican Daniel Takash clarified his team's stance on gun control early on.

"We're not saying everyone should have a machine gun, but that gun control is not the right thing to do," he said.

Takash also made a point about Democrats causing the Republican party to be "pigeon-holed" by referring to the "crazy NRA guy with a bottle of moonshine in one hand."

To her opponents' points, College Democrats freshman Meaghan Coffey affirmed that guns do not keep us safe.

"This debate is about the right to breathe," she said. "We have become desensitized by gun deaths today. A human life is worth more than a hobby."

Columbia dean selected to be new provost

University highlights Lieberman's interdisciplinary experience

PROVOST, FROM A1

of Media Relations and Crisis Communications, said.

In this vein, President Daniels was concerned with choosing someone who would safeguard and promote the academic missions of the University. "President Daniels was primarily looking for somebody who would be a great leader of the faculty ... somebody who's a scholar, but also an established academic leader, obviously a person who would be a great communicator and a person passionate about the things a university can do," O'Shea said.

Daniels appointed a search committee, chaired by David W. Andrews, Dean of the School of Education, and Michael J. Klag, Dean of the Bloomberg School of Public Health to select a new provost. The committee included representatives from each of Hopkins's ten schools, as well as student representation. Junior George Alvarez, a biophysics major, represented the undergradu-

ate student body, and the School of Medicine's Katie Washington represented the graduate student population on the search committee.

"That committee then did the initial ... triaging of applications and nominations, working with the search consultant," O'Shea said. The search committee, in collaboration with the consulting firm Russell Reynolds, then composed a short list of candidates who were then interviewed.

Following the committee's presentation of its recommendations, Daniels recommended Lieberman to the Executive Committee of the Board of Trustees, which approved his appointment.

He is currently the interim Dean of Columbia's School of International and Public Affairs and a professor of political science and public affairs.

"He has been a department chair, vice dean for academic affairs, and, for more than a year, interim dean. In those capacities, he has had hands-on experience leading and sup-

porting a school's academic infrastructure," Daniels wrote to the JHU community. "His accomplishments include overseeing a strategic planning process, a major curriculum review and a \$60 million budget. He has been intimately involved in the hiring, review, promotion and tenure of faculty and in faculty governance issues. He brings experience from a policy and programmatic perspective in areas such as faculty development, faculty quality of life issues and faculty diversity."

Moreover, Daniels highlighted Lieberman's qualifications regarding cross-disciplinary leadership. "Provost-designate Lieberman is adept at working productively across academic boundaries. At SIPA, he brings together scholars and students in 11 disciplines — ranging from the social and natural sciences to law, regional studies and urban planning — to form a cohesive, globally focused public policy school. This experience is important to Johns Hopkins, which is broadly committed to

collaboration across disciplinary and organizational boundaries," Daniels wrote.

Lieberman expressed his excitement to assume the Provost position. "I'm thrilled about the opportunity to work with President Daniels and am eager to join Johns Hopkins and meet my new colleagues," Lieberman said in a statement. "The provost's No. 1 job is maintaining and advancing the academy quality of the university, and that starts with working with the faculty."

Lieberman pointed out the University's historical contributions to academia, and expressed his eagerness to work towards continuing this trend. "Johns Hopkins has been at the cutting edge of American higher education for more than 135 years, generating knowledge and applying ingenuity to the biggest questions we face as an increasingly global society," Lieberman said in a statement. "I'm excited by the challenge of helping a great university determine how and where it will make its next contributions."



PHOTO COURTESY OF PROJECT-UNBREAKABLE.ORG
Project Unbreakable was founded by Grace Brown back in 2011.

FAREWELL



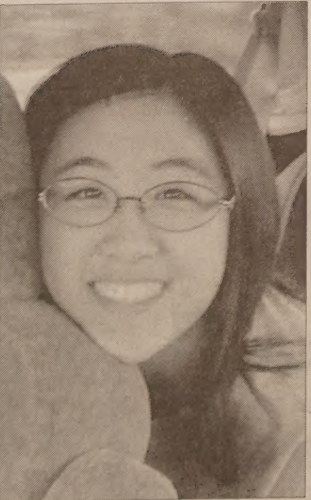
Florence
“Elphaba”
Lau



Katie
“You’re the Top”
Malzbender



Alexa
“Arts + Crafts”
Kwiatkoski



Melanie
“Floppy”
Hsu



Windows, left to right: Rian Dawson, Alexa Kwiatkoski, Rachel Witkin, Janson Trieu, Florence Lau, Katie Malzbender, Evan Keefe, Kelly Standart
Bottom row, left to right: Ellen Brait, Elle Pfeffer, Katie Quinn, Ian Yu, Melanie Levine, Frank Schiff, Ashley Emery, Aubrey Almanza, Ben Kupferberg, Nikko Price, Evan Brooker, Nash Jenkins, Sophia Gauthier, Georgina Edionseri, Michael Yamakawa

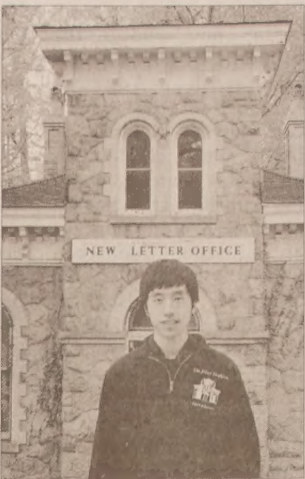


Rian
“Freshii”
Dawson

We know you’ll miss A1 and it will miss you too but we have no doubt that with your “no bullshit” attitude, you’ll show them who’s boss at law school next year. You’ll be greatly missed but we have a sneaking suspicion that you’ll attempt to sneak back into the Gatehouse at some point next year to help out, so we’ll see you then. With gratitude, the staff of *The News-Letter*

Rachel
“I love Jews”
Witkin

You’ve spent too much time in the Gatehouse so it’s time to say goodbye. It won’t be the same without you and the pages will probably be checked much less thoroughly but we have no doubt that you’ll be off tearing up the journalism scene. You’re already off to a good start, what with being on the senior page and not even being a senior yet. Much love, the staff of *The News-Letter*



Ian
“Guru”
Yu



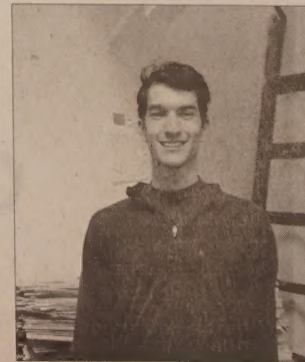
Kelly
“Grandma”
Standart



Janson
“Strange Faces”
Trieu



Evan
“I’m Awesome”
Keefe



Zachary
“Minister of Magic”
Goldstein

Congratulations to the 2013-2014 Editorial Board!

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NEWS & FEATURES

Indian, Jewish communities collaborate

By BEN SCHWARTZ
News & Features Editor

Nissim Reuben, an Indian Jew who is the program director of Indian-Jewish American Relations at the American Jewish Committee (AJC), spoke at Hopkins on Friday evening about his multilayered personal identity and work as an advocate. Sponsored jointly by South Asian Students at Hopkins (SASH) and the Coalition of Hopkins Activists for Israel (CHAI), the event was unique in drawing together the Jewish and Indian communities on campus.

Reuben talked about his work as a proponent of a strong relationship between Israel, India and the United States and among the Jewish American and Indian American communities.

"The goodwill that exists, the bond between the Indian and Jewish communities in America, was an important factor in building this relationship [between India and Israel]. Jewish Americans and Indians on a personal level have good relations in this country. Many of your parents," he said, speaking to the crowd, "are in the same professions, in medicine, academia."

Reuben made a point to note that India was one of

the thirteen countries to vote against the creation of the State of Israel in 1948. Nevertheless, he said, relations have improved steadily over the past several decades, to the point where the two countries now enjoy a warm friendship and a substantial defense and non-defense trade.

India maintains close ties to countries across the Middle East, including Iran, and was one of the first, and continues to be one of the most vocal, supporters of the two-state solution to the Israeli-Palestinian conflict. Surprisingly, Reuben said, Israeli officials are often more understanding of India's strategic interests than their American counterparts are.

We are traditional, but at the same time we have blended Indian culture into our customs.

-NISSIM REUBEN

He also talked about his own personal identity as both an Indian and a Jew living in the United States, and at one point showed a video about the Jewish communities of India.

"We like to call ourselves Indian Jews because we have a distinct identity and rich heritage and different culture overall," Reuben said. "We are traditional, but at the same time we have blended Indian culture into our customs."

SASH President Aleasha Shaik, and SASH fundraising committee member Kavya Vaghul worked with CHAI Co-

Presidents Rebecca Rubenstein and Arie Grunberg to organize the event.

"I think in general our goal for this event was to create more of an alliance or relationship between our group and other groups on campus. We saw that there was a good connection between us and the Indian group, SASH, so we took this opportunity and we said, 'You know what, we're going to invite [Reuben] to come, and if they want to cosponsor, we'll work together and we'll have a nice event' and I hope that this becomes a strong relationship [in] the future," Grunberg said.

Both SASH and CHAI members said that they felt the event did a lot to bring together two undergraduate organizations and two campus communities that knew very little about one another and didn't seem to have much in common. The talk drew a fairly large crowd of Hopkins students from both communities, with both Jewish and Indian students taking an active role in the question and answer session.

"I think that for me personally, what I was limited to was a couple of Jewish friends who would go to the Shabbat dinners at Hillel every once in a while. I think they spoke of their experiences with the Hillel very positively, but I think that in terms of my personal interaction with [the Jewish community], it's been really limited and this was

a great exposure meeting Arie, meeting Becca, and the process of working with them in planning this event began a path for SASH to not only collaborate with other South Asian groups on campus but collaborate beyond that and really bring in some thoughts and concepts and discussions on important issues and relationships," Vaghul said.

She also left the door open to future collaboration between the Indian and Jewish communities.

"What I've learned is that it's something that is very mutual on both ends. Both communities really



COURTESY OF SIKHARTS.COM
Reuben was the speaker for the event.

want to reach out to each other, but the opportunity very rarely presents itself in terms of what this campus expects and in terms of what our schedules expect a lot of the time," Vaghul said. "It's important to pursue those avenues, and I think that it [was] a very positive experience working with them now, and I hope we can continue in the future to look towards more ideas and presentations and events."

Alums return to campus for Homecoming events

HOMECOMING, FROM A1
professor and rum connoisseur, imparted to attendees a bit of his expertise. The Blue Jay Bull and Oyster Roast followed, boasting quintessential Maryland delicacies, such as pit beef, oysters and cocktails. A trip to four different pubs in Fells Point was held for the 5- and ten-year reunion classes.

The Young Alumni Tent is annually located in the Bloomberg Courtyard, offering recent graduates the opportunity to reconnect with old friends over music, food and cocktails.

"I stopped by the Alumni Tent outside of Bloomberg, which was a good show, but I always feel somehow insulted at being charged admission," Ellis wrote.

"To echo the sentiments of Mr. Ellis, I think it's a crime that they charge esteemed alumni, who they rely on to fund the future growth of the university, to enter a tent and drink cheap beer. It feels more like a Bar Mitzvah than a gathering of world class academics, professionals and the like," Teran wrote.

Saturday morning was full of events, like Admissions 101 for college-bound children of alumni, President & Deans' Breakfast, and Jr. Jay's Lacrosse Clinic. A Student Entrepreneur Alley and Market was held for student groups to publicize their ventures and sell their array of products.

Saturday afternoon's Homecoming BBQ and Pre-Game Rally was a precursor to the Homecom-

ing lacrosse game against Loyola.

On Saturday night, 668 people attended Hullabalooza. The event was held in a tent on the Decker Quad and featured a live band, cash bar and dessert.

On Sunday morning, the Johns Hopkins Club hosted the final event of the weekend, the Alumni Weekend Champagne Buffet Brunch.

While Alumni Weekend was full of official events, some alumni spent it in alternative ways.

"Most of the rest of the weekend I spent at the illustrious Johns Hopkins Rugby Football Club house," Ellis wrote. "As an undergraduate rugby player, I lived in this tenement and am always happy to share a can of Baltimore's finest with the undergraduates and partake in their general tomfoolery (or 'weirdness,' as they refer to it today)."

Current students also saw some familiar faces.

"I was so happy to be able to welcome my cousins back for Alumni Weekend," freshman Keely Herring said. "They graduated before I got here, so it was cool to show them around and hear about everything that has changed since they were students."

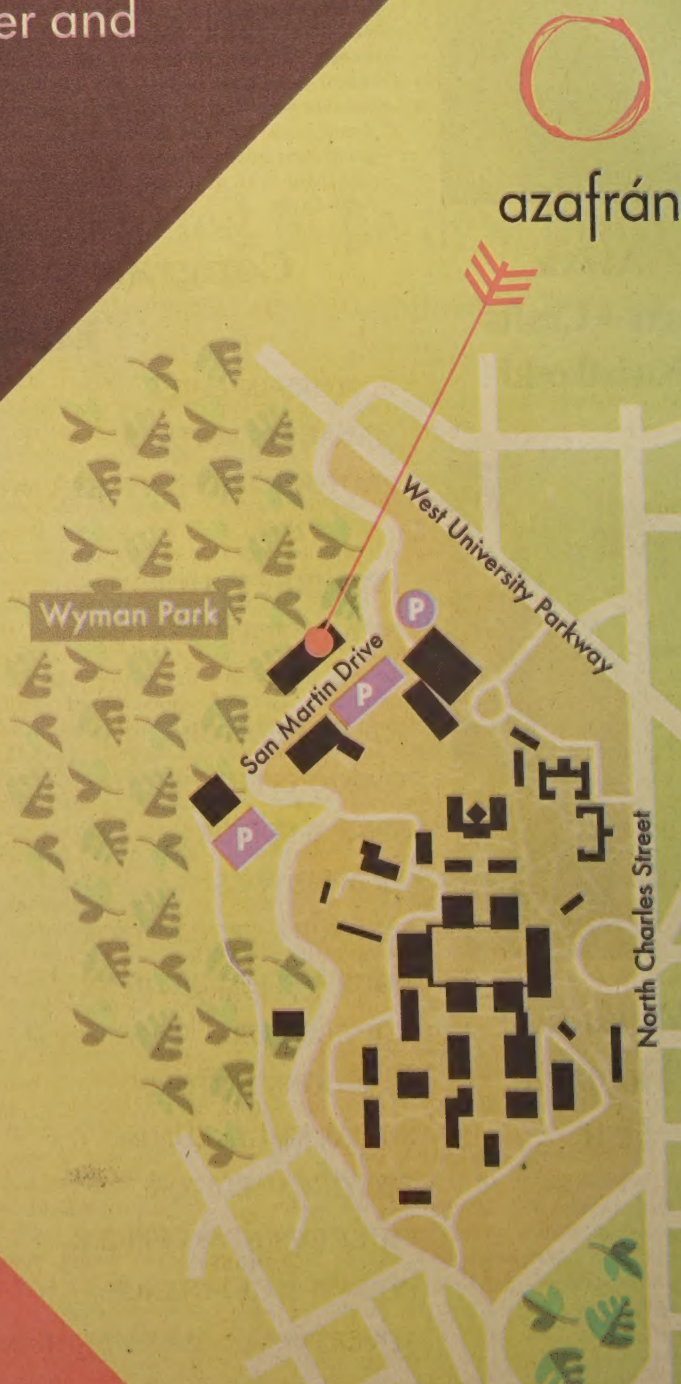
"I really enjoyed Alumni Weekend," freshman Leela Subramaniam said. "It was interesting to meet a few graduates and hear about what they decided to pursue after Hopkins and it gave campus a more lively dynamic."

Visit Café Azafrán, a casual, warm space in the Space Telescope building overlooking Wyman Park. Azafrán is a perfect setting to host discussions and interdisciplinary dialogues or to share a meal with a friend. Or meet an astronomer and explore their world of galaxies!

Located across from Bloomberg, Azafrán is a welcoming destination for a delicious and healthy lunch.



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Stay safe out there, Road Scholars.

JOHNS HOPKINS
UNIVERSITY

BE A



ROAD SCHOLAR

HIP HOP

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Shaved scalps, smart studying, small shirts and the swan song



Amanda Bynes

@AmandaBynes

I buzzed half my head like @cassie! No more old photos! This is the new me! I love it!

twitpic.com/cbx36u

Hide photo

Reply

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More

25 Apr

TwitPic



Amanda has joined the ranks of Britney and Miley – a shaved, blonde army that trains in Oopsland, California. In the past five seconds, she was just promoted to lieutenant, and has ordered all citizens of Oopsland to burn the old pictures of her. “No more old photos! No more old photos! We are the one percent!” chanted protestors outside the gates to Lieutenant Bynes’ multi-million dollar home.



Will Ferrell


@Will_Ferrell

I leave studying for finals to the last day because i'll be older and therefore wiser.

Expand

27 Apr

Will Ferrell doesn't have a Twitter account, but don't fret because there are thirty-six other Will Ferrells in this world, and all of them have Twitter accounts. This week, Will Ferrell is a college student studying for finals. Celebrities are people, just like us! If you go down to B-Level, you'll find Will in a cubicle reading the news in a burgundy suit jacket and eating Christmas grams with extra syrup. You have cat to be kitten me right meow.



S t Nobody Says!


@S tNoOneSayss_

Damn, this Hollister shirt is too big.

Expand

28 Apr

Damn, this Hollister shirt smells so nice. Damn, the half-naked model that just greeted me is fugly. Damn, these jeans cost \$20. Sound familiar? Nope. My idea of a typical Hollister conversation: Bel Air: “There’s a hole in my jeans!” Laguna: “How’d that happen?” Bel Air: “I bought them like that.” Laguna: “That’s gnarly, dude.”



Hannah Decatur

@HDecates

people after college: what have you done with your life? me: didn't you read my tweets in the @JHUNewsLetter ? p.s. this is my goodbye post.

Expand

Very palatable paninis at Luigi's in Hampden

Walking into Luigi's is like walking into an old neighborhood favorite — soccer jerseys, pinned next to posters of Italy line the walls, and the tables and chairs look like they've come from different corners of your Italian grandmother's attic. As soon as you see the authentic Italian merchandise (homemade pasta, tomato sauce which is NOT Prego, San Pellegrino Limonata and Aranciata, cannoli shells and more) available on the shelves in front of the counter, you know you've got the real deal. Much to our surprise, however, after we asked how long they've been a local hotspot, they said they've only been there for one year! Despite their fairly recent arrival in Hampden, these panini professionals know exactly what they're doing. There were about three people behind the counter when we visited on a quiet Monday evening so we had the fortunate opportunity to talk to the chefs about their food. They began by telling us that the vast majority of dishes offered are homemade, specifically doting on the mozzarella, which is made on site approximately four times a week. After careful deliberation, poring over our menus as always, we finally chose two sandwiches “hot off the panino grill” for our dining pleasure. We knew we couldn't leave without tasting the menu item that was rated Baltimore's Best Sandwich of 2012 according to Baltimore Magazine, so we ordered The Scooch, a baguette crammed with capicollo

and soppressata, topped off with Prima Donna cheese, roasted red peppers and field greens, and sliced hot cherry peppers in a balsamic dressing — all pressed and warmed in the panino grill. Our second decision caused us greater stress. The owner, to our relief, weighed in on our decision from behind the counter. We were dying to try the fresh homemade mozzarella (we are tomato-mozzarella-basil panini devotees!), but we were also tempted by a sandwich containing porchetta, which we quickly learned is pork wrapped in pancetta (how could we not try this?). Fortunately, we were offered a free sample of mozzarella on a sheet of tin foil, so we happily tasted the fresh cheese, cut in a thick, melt-in-your-mouth slice, and ordered La Porchetta as our second sandwich. Our sandwiches, \$8 each, took a few minutes to prepare. We didn't mind, since it affirmed their freshness and gave us the chance to admire the baked goods and salads behind the glass window of the counter, which lay between us and our dinner. We admired the bread pudding, a berry flavor today, we were told (although a few days ago it was peanut butter and jelly). We also noted a sausage wrapped in a puff pastry of sorts,

as well as a tortellini pasta salad, which, needless to say, was eons more appetizing than the Uni Mini macaroni salad we tried a year and a half ago for this column (the mayonnaise-y taste and squishy consistency are forever singed in our memories). We also drooled over the breakfast offerings written out on the blackboard before us: egg sandwiches, fresh squeezed juices and smoothies. Finally our sandwiches came out, but not before the charming owner managed to tempt us with two miniatore cannoli and a loaded oatmeal cookie. We took our prized possessions (sandwiches wrapped in white paper) out to the porch to dine while taking in the view of Hampden Avenue. The Scooch was like an Italian sub — peppery and slightly spicy, stuffed with two types of meat, generous with the olive oil and with tasty balsamic soaked into the soft baguette. Even so, our hearts (and stomachs) fell for the Porchetta, consisting of imported roasted porchetta, Auricchio provolone, extra virgin olive oil and grated Locatelli cheese. The sandwich was piled high with meat (the pork-pancetta!) and cheeses. Between our two sandwiches, the friendly service and the amusement we always provide for ourselves,

we were left happy and satisfied — but not without room for dessert. The inch-thick oatmeal cookie was a pleasant surprise because it was not at all dry. The coconut shavings, chocolate chips, raisins and copious oats halted our conversation until only crumbs were left. Finally, the cannoli were the grand finale to our delicious meal. They were on par with Vaccaro's (in Little Italy) but are dangerously accessible from campus. We ended up with powdered sugar all over ourselves and in a daze from the *delizioso* meal. As Luigi's was getting ready to close, we were sad to say goodbye to the lovely group behind the counter, but the Blue Jay Shuttle (our luxurious ride back to campus) was beckoning. Just as we were leaving, Ms. Little, the owner of this magnificent restaurant, pointed out a picture on the wall. It was her son, the meatball-making machine of establishment, at just fourteen years old! She told us we had to come in to try a “chub,” homemade meatballs stuffed inside half of an Italian loaf, with marinara, provolone and grated cheese. After our meal, we knew we could trust her recommendation. Needless to say, we will be back for our chubs this weekend and we hope to see you there with us, enjoying a San Pellegrino and relaxing before finals officially begin! (Thank you to all of our loyal readers. We'll be working on our Parisian restaurant guide next fall but will be back to be your fearless leaders [read: eaters] in Spring 2014. Happy eating!)



Hannah Decatur
Tweets of the Week

This weekly column features some of the top posts around the Twitter realm that deal with the week's top stories in sports, politics, pop culture and all things news.

AskMani on gifts, orgs, and animals

Dear AskMani, What should I buy my boyfriend for his birthday? Sincerely, Gifting Girlfriend
Dear Gifting Girlfriend, think back to the things that he is interested in, or the jokes and memories that you have shared. Buying something that reminds him of these will create a lasting impression. If all else fails, buy him a pair of high-definition headphones or give him a Nike gift card.

constructive and peaceful. Good luck!

Dear AskMani, What are some activities to do in Baltimore? Sincerely, Bored in Baltimore

Dear Bored in Baltimore, Besides trying all of the delicious crab, I really think that Baltimore has some amazing museums. The National Great Blacks in Wax Museum, The Jewish Museum of Maryland, The American Visionary Art Museum and The Carroll Mansion are lovely places to visit.

AskMani
Advice Columnist

Dear AskMani, How do I tell the members of my organization that they are not working hard enough? Sincerely, Let Down Leader

Dear Let Down Leader, I think you should approach them in a group so that everything is out in the open and to avoid rumors. Give them a clear outline of where you think they have fallen short. Be sure to not say anything offensive and try to be as objective as possible, keeping the organization's mission in mind. Also, make sure to include what they are doing correctly and be sure to remember them that your intentions are

Dear AskMani, If you could be any animal in the world, what would you be and why? Sincerely, Animal Fanatic

Dear Animal Fanatic, I would be a cheetah because it is a beautiful creature with honey fur and teardrop eyes. As one of the fastest land animals, cheetahs are agile and flexible; metaphorically, that's important for being able to deal with any situation that life throws at you.

Remember to email just.ask.mani@gmail.com for answers to all of your questions and good luck with finals!

Thank you to everyone who has helped The News-Letter this year, especially:

Jonathan Bagger,	Robert O'Neil
Carrie Bennett,	Dennis O'Shea,
Davis Bookhart,	Dorothy Sheppard,
Susan Boswell,	Edmund Skrodzki,
Ronald Daniels,	William Smedick,
Jesse Merriam,	Michael Sullivan,
Mamie Howard,	Rob Turning,
Nicolas P. Jones	Jon Walter
Alain Joffe,	the custodial
Will Kirk,	staff, HopCops
Bret McCabe,	and all Hopkins
Katherine Newman,	coaches and
Anne Pliska;	student
Tracey Reeves,	athletes.
Jane Rhyner,	

HIP HOP

BUT ALSO observations, rants, lists, thoughts, feelings, missed connections, haikus, confessions, furtive glances and, of course, sex.

A senior's look back: the best is yet to come

Though the days have been slipping by for some time, today I realized that I have five days of classes and 25 days on Homewood campus remaining in my Hopkins tenure. My once-in-a-lifetime college experience is ending.

I'm not sad. It's been a long four years, and I'm ready to get into the world and shed the "student" label — but I'm certainly not rushing to the door.

"College was the best four years of my life." I feel like I've heard that phrase hundreds of times. The next time I do, I'll feel sad for the speaker.

College is a time of significant growth, as children grow into adults and figure out who they want to be going forward. It is a time for unfettered exploration and experience, where no one is watching or judging. It may feel that way sometimes, due to societal pressures and stereotypes, but at the end of the day, college students have agency afforded to few others.

Next year, I won't be able to casually go to the gym at 1 p.m. on a weekday. I won't be able to sleep in every day, seven days in a row. My daily work will not be something I personally selected based on preference (if you have ever taken courses you didn't want to, I ask why). And most importantly I won't be surrounded by friends 24/7.

The simple concentration of like-minded peers of your age group is the most underrated aspect of college. We refer to the grind of school, but most students spend just as much time hanging out with friends as they do on school-work. The grind of the professional life is different. Days get filled with non-negotiable hours that push other necessities — shopping, exercise, house-keeping — to the early morning or evening. Distance and busy schedules limit visiting with friends,

who no longer live upstairs or down the hall.

Never again will I have the chance to indulge in deep inquiry of minutiae across a range of subjects in such quantity. I doubt my close reading of Robinson Crusoe will ever be repeated. Same goes for calculating astronomical distances with a Nobel Prize laureate. And "gargoyling." I will probably never do that again.

It is a fantastic luxury to have a free, up-scale gym just a few minutes' walk away and to have access to online resources like Lynda and JSTOR. Every day, Homewood campus features lectures and presentations and screenings, entertainment brought to our doorsteps without any effort on our part. That isn't going to be the case next year.

And yet I'm not sad. If the last four years were the best years of my life, I will be very depressed and have a midlife crisis where I bleach my hair and move to Vietnam. I have had a wonderful time in college, but I aim to have an even better life every day. I will look back and be proud of my accomplishments and friendships. But I won't hold them up as a golden icon of bygone days. I won't continually compare backwards, unable to let go of freedom and youth.

For many people, college is the principle source of friendship in life; I am not one of them. I came to school with a solid and large group of friends and, while I love my friends at Hopkins and look forward

to moving into a new phase together, I am realistic about their place in my life. How many people that I met here will I really be in touch with 5 years down the line?

And while I know that they are the minority and still exist in the outside world, I can't wipe the memory of some truly shameful people I've met here: people who expressed intensely hateful views and who physically or psychologically intimidated others; people who brown-nosed and power tripped and objectified; people whose carelessness or inability to take responsibility hurt me.

I love what Hopkins stands for, and the academic program has been all it's hyped up to be. But the Homewood culture runs counter to many of my personal values: flexibility, safety, merit and humility. How is it that one student gets busted with a garbage bag of pot and gets a talk-

ing to, while another gets caught with a small joint and gets suspended? Why does a student who physically assaults another, a crime that would result in a fine or worse in "the real world," simply get a warning here? Have there really been zero rapes during my time at Hopkins? And seriously, can everyone just wake up and realize that not being Harvard or Princeton is a good thing?

My mission for college was to learn as much as I possibly could and to never say no. I believe I accomplished those goals, though am still learning how to live an affirmative life all the time. I sincerely thank all of the people who have given me a smile or a handshake, all those who have served as mentors and mentees and have shared a strong brew and a hearty laugh. As life goes on, we must remember that we aren't alone, that there are others out there who care about us and wish us well. If we were friends at Hopkins, I won't forget that.

The best years of my life have not yet passed. But, as four memorable years full of growth and joy come to a close, I can say that whenever those years roll around, they will be pretty darn great.



Nicholas DePaul
Voice from the Underground

This column engages political, cultural and philosophical issues through provocative and occasionally radical argument.



COURTESY OF JAY VANRENSSELEAR VIA HOMEWOOD PHOTO
The class of 2013 as freshmen, at the beginning of their "best years."

Absurd purchases online aren't embarrassing at all

Have you ever bought something weird? How about something double-weird? Triple-weird? If you have bought something weirder than that, I won't even ask — that is between you and your God.

But don't be ashamed — everyone makes some questionable purchases in their lifetime. For example, a friend of mine once bought a kit that helps you grow round carrots in your garden! How stupid is that?!

For the most part, these embarrassing acquisitions can be pushed to the backs of our minds and our shelves soon after we rip them from their packaging. We forget about them. They become safe from outside scrutiny. We can pretend we weren't actually dumb enough to have spent money on these pointless items.

UNTIL NOW.

No absurd purchase is safe these days, not with Drew of The Worst Things for Sale on the prowl. You may have heard of this bearded man's webcomic Toothpaste for Dinner (www.toothpastefordinner.com), or from any of his lovely cache of online videos (YouTube search "How to Irrigate Your Nasal Passages" if you're feeling fun).

One of his more recent projects has been a daily blog about the insane things people are selling and buying on the Internet. As the page's description states, the blog is a compilation of all the "Internet's most horrible items." And, oh, are there some horrible ones. Each day, Drew searches the darkest parts of the web to discover products that simply do not make sense. Some are gross. Some are confusing. Some are absurdly expensive. Others are fascinating. The Internet is a terrifying place.

What I love the most

about this blog is the fact that it so beautifully illustrates the madness of buying culture. People are selling these things because people are purchasing them. Real people. With money. Money that the real people earn. At their jobs.

Maybe you will understand the absurdity of this whole phenomenon once I illustrate some of my personal favorite features on the blog. Again, let me remind you that all of these things are for sale. You can buy them. They can be yours forever. Think about it.

1. An 82 inch computer screen. That is taller than your dad — unless your dad is super tall.

2. A terrifying flying

looking mask that electrocutes your face in 26 spots.

3. A pack of pastel-colored pens "for her." Because women need their own brand of pens, of course.

4. A six pack of "Dog Beer" — beer for dogs — which is much more expensive than people beer.

5. A book for children called Melanie's Marvelous Measles. Pretty sad and straight forward.

6. Green toilet paper. No, not environmentally friendly toilet paper. Just green.

7. A 24-karat gold iPhone 4 case. It costs \$1,748.06. As Drew points out, you could buy eight iPhone 5s instead.

8. A book about "Pornogami." Learn how to fold paper to look vaguely like a butt.

So there you have it: the worst things you could possibly buy, all on one blog, plus amusing commentary. Check this fun stuff out at www.theworstthingsforsale.com — for all your Mother's Day shopping needs.

*The friend was actually just me. I'm sorry for lying, everybody.

Jennifer Diamond
Laugh at This

Chasing leftovers: a student's journey with Waste Neutral owner Keith Losoya

It's 6 a.m. and I'm squinting into the darkness outside Woodberry Kitchen, looking for a big white dump truck. There's a hint of the sunrise to the east, but for now the watery pink of street lamps lights the pavement. My team: three other Hopkins students — bundled up, fiddling with cameras — all crane their necks like me, looking down the road.

I'm here, on my own volition, for a class. This semester, I signed up for the community-based learning course, Environmental Photojournalism and Filmmaking. My group chose to make a short film on restaurant waste in Baltimore. We wanted to know where those leftovers went after your plate

is whisked away from a restaurant table, and what impact they had on the environment. In all, we'd do over ten interviews with restaurants, food haulers and waste facilities, but this morning, we're here to see waste-saving in action.

Founded five years ago, Waste Neutral is a hauling service headed by Keith Losoya and his business partner Patrick Richter. The company collects compost from restaurants, grocery stores, schools, and other institutions and delivers them to a compost facility. At Hopkins, places like the Fresh Food Café (FFC), Levering, and even some biology labs also use the service to reduce their environmental impact.

Today, I'm riding in the cab with Keith to continue the journey of leftover food. The truck lumbers around the bend and we meet Keith by Woodberry's food waste bins. It's basically your standard trash truck: A machine lifts the bins up, empties their contents and opens its giant mouth to smash all the waste together. The only difference is that this truck eats mostly food, not trash — Keith now diverts an astonishing 4 million pounds a year from the landfill.

From the way he talks about his business and his gusto while emptying bins at 6:30 in the morning, it's clear that Keith loves his job — which is good because right off the bat it's obvious that it has its challenges. As the group stands around getting photos of Keith emptying a bin, a rat tumbles into the back of the truck. Desperately trying to avoid the metal jaws, it leaps off the edge, past Keith — and straight toward me.

The rat seems unsure of his exit route and he dances around my feet as I hop back and forth, emitting a wobbly yell. He's fat: a good-sized Baltimore beauty. He has a thick tail and chubby haunches no doubt nour-

ished by the high-quality food scraps of Woodberry Kitchen. Keith laughs and says I'm getting the full experience. Rats in the bins are rare — especially at Woodberry, he says — but that they do happen if the bin's lid is not secured properly.

He empties the last bin and invites me into the cab. Raising our voices over the sound of the truck, he tells me about how he loves these early morning runs. Despite my numb

hands and two hours of sleep from the night before, it's not hard to see why: as we make our way into downtown Hampden, the sun cracks over the horizon. The sky is untroubled and cloudless and the first cars are beginning to pass us in the street. Some of the passing drivers wave.

At each restaurant, Keith sizes up the compost: "Must be on spring break," he says, or "A good load this week." He tells me about the ins and outs of building his business of five years — the challenge to find restaurants that can compost, to work out routes, and to make something that's good for the environment into a for-profit business.

It's not a business for the faint of heart — some



COURTESY OF LEFTOVERFILM/JHU VIA FLICKR
Waste Neutral is dedicated to diverting food waste from landfills

of the bins weigh over a thousand pounds, and there's the occasional rat or trash juice dripping from the bins. But as Keith offers to let me ride on the back of the truck like a real trash woman and I hold on for dear life, it would be hard to argue that this morning's ride doesn't have its perks: the wind, the chill of dawn, the kids waving to me on their way to school all make this job something different. It makes me slow down, maybe not to smell the compost exactly, but to appreciate other things.

For one, I am amazed that this is part of my

homework. It's an assignment that I will work harder on than anything I've ever done in college, without a doubt, but it's still for school. Isn't that what college is about — giving you experiences that you would never have anywhere else (unless, of course, you're Keith)? The great thing about community-based learning is that whatever product I create, or grade I ultimately get, I can say for certain that I've enjoyed the ride — on the back of a trash truck, that is.

To see the film, please visit www.leftoverfilm.wordpress.com



COURTESY OF LEFTOVERFILM/JHU VIA FLICKR
A pile of unsorted food waste grows within the compost facility

THE JOHNS HOPKINS
NEWS-LETTER
PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

Editorial

Annie Rhee

Students should be kept informed

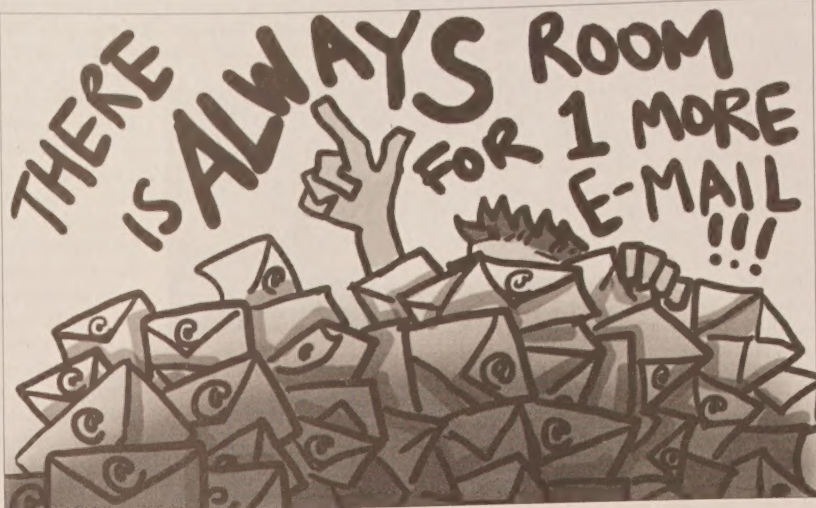
Director of Student Activities Rob Turning released the Student Government Association (SGA) Executive Board election results yesterday. This announcement comes nearly a month after the elections were held, due to a lengthy appeals process concerning treasury candidate Schaefer Whiteaker’s disqualification. During that time, Hopkins students were not informed about the reason for this delay, much less the details of the appeals process. The SGA Committee on Student Elections (CSE) told *The News-Letter* two weeks ago that students weren’t informed about the process to “avoid confusion and clogging up students’ inboxes.”

The editorial board believes that students should have been regularly updated on the progress of the election and the appeals process. This election decides who will represent the student body at Hopkins for the next academic year. Students came out this year to vote in record numbers, and they deserve to know the result of their votes.

The fact that CSE neglected to inform students about the process be-

cause they wanted to avoid “clogging up students’ inboxes” is a poor excuse. Students receive countless emails from SGA concerning such trivial matters as cupcake giveaways and free smoothies. The results of the executive board elections are surely more important.

The student body at Hopkins has a reputation for being apolitical. Students rarely turn out for political events and less than half the student body votes in SGA elections. In the past few years, SGA and CSE have attempted to increase voter turnout with advertisement campaigns and school-wide emails. But by refusing to inform students about the results of this election, they are perpetuating the myth that elections don’t matter. Voting loses its appeal when students come out to vote but don’t hear who won until a month later. If SGA is truly concerned about voter turnout, they should attempt to convince students that elections do indeed matter by returning election results in a timely manner and keeping students informed.



LETTERS POLICY

The Johns Hopkins News-Letter welcomes letters to the editor. Letters must be e-mailed to chiefs@jhnewsletter.com for inclusion in a Thursday issue. All letters received become property of *The News-Letter*. *The News-Letter* reserves the right to edit for space, grammar and clarity. Letters must include contact information and cannot be anonymous. *The News-Letter* reserves the right to limit the number of letters printed.

Step up week should thank faculty

The Office of Development and Alumni Relations kicked off Step Up Week on Sunday to thank donors for contributing to the University. The annual program celebrates charitable giving and those who “sustain the legacy of philanthropy established by Johns Hopkins himself.” This year’s events include various giveaways, including one in which students receive free Chipotle burritos after writing thank you letters to donors.

While the editorial board commends the University for encouraging philanthropy, we believe that efforts aimed solely at donors and students ignore those who contribute most to Hopkins.

Professors and faculty work tirelessly to provide students with a first-rate education. These men and women “step up” every single day. Their work is a constant and unending contribution to the University. While donors certainly deserve a thank you, so do our professors and faculty members.

The University spends countless hours and resources on Step Up Week. Those who donate monetarily receive heaps of praise from grateful students, but those who donate time and energy receive little. The editorial board encourages the University to reconsider its priorities. The least it can do is encourage students to send some thank you letters to faculty and

professors as well.

Not only is not including professors and faculty in Step Up week inconsiderate, but it also runs counter to the goals of Step Up Week. Step Up is intended to encourage donations and charitable gifts so Hopkins has the funds to improve its campuses, student life and academics. But by not acknowledging the hard work of our faculty and professors, Hopkins is sending the message that teaching is not its first priority. When professors feel that a particular university is not wholly dedicated to academics, they are more likely to take their talents elsewhere.

Hopkins is often accused of caring more about its medical school and research, while allotting fewer resources to undergraduate education. This common perception is particularly injurious to the University writ large. If a prospective student feels as if she is an afterthought, she is less likely to attend Hopkins, and if a current student feels as if she is an afterthought, she is less likely to enjoy her undergraduate experience. When students don’t enjoy their undergraduate experience, they are less likely to donate to that institution after graduation.

The University, in short, must encourage an atmosphere conducive to teaching, and that starts by respecting those who teach.

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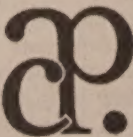
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OPINIONS

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The fight for freedom: Why education is our greatest weapon

In the world there are girls going to school freely and there is no fear. But in Swat we are very afraid of the Taliban. He will kill us, he will throw acid on our face. He can do anything." Those are the words of 11-year-old Malala Yousafzai, four years before the collective and omnipresent 'He' that she refers to in a *New York Times* documentary shot her in the head on her way home from school in the Swat Valley of northwestern Pakistan.

Incensed with her articles on the BBC Urdu blog and her activism both in the Middle East and on the global stage, the Taliban issued an order for Malala to be assassinated. By some stroke of miracle, she survived her wounds and remains in Birmingham, England with her father until she can safely return to her beloved Swat and continue the revolution that she has catalyzed.

Like the countless hordes of pre-medical students who flock to Hopkins each year as a hard-earned rite of passage into the elite academic and professional community, Malala once aspired to become a physician. "I want to become a doctor. It's my own dream." But her father saw in her the spark of a revolutionary. She says, "My father told me that you have to become a politician. But I don't like politics." The camera pans to her father, the headmaster of his daughter's

school, who says, "But I see great potential in my daughter, that she can do more than a doctor. She can create a society where a medical student would easily be able to get her doctorate degree."

While Malala recuperates in the United Kingdom awaiting her chance to return to Pakistan and her cherished books, Anne Smedinghoff, a 25-year-old alumna from Hopkins, was killed by a car bomb in Afghanistan while she attempted to deliver textbooks to the schoolchildren around the Zabul province. She died trying to implement Malala's dream and allow the children of these schools to have the taste of the education that exists for us without question.

But this is not a fairy tale with a moral of the story. These two young women deserve more than to serve as a paradigm for the fleeting, but historically golden American educational standard, taken for granted by its citizens, and pined after by the children of foreign lands.

Rather, Malala and Anne mark the greatest fear of the world, the most powerful defense, the weapon of mass destruction that our previous administration sought in vain for so long. The education of the self

— that hunger and wanderlust, that insatiable need to know why and to wish you were merely satisfied with "because," that birthright that we all share, and that these two people fought to preserve for themselves and for those who cannot withstand the bullets and car bombs that all too often come with the territory.

Looking back upon the strategies employed on September 11, 2001, many people — once they moved past the human

devastation — found skill in the weapons used: our own industrial power used to collapse itself. No Manhattan plan, no physicists or moral quandaries, defense contractors or monetary strain. Rather, it was simple genius, with a smattering of luck that brought my own city to its knees and changed the course of history.

Education parallels this plot only in its exploitation of simplicity and natural resources, and distinguishes itself among its more sinister cousins through its persistence, depth and its remarkably contagious qualities that are the hallmark of the most potent infections.

And that is precisely what 'He' fears, and has feared since the dawn of man. To combat the inevitability of education and thwart its pervasiveness, count-

less governments and rogue agencies have used the platform of education to create new soldiers. In "On Liberty" John Stuart Mill writes, "A general State education is a mere contrivance for moulding people to be exactly like one another: and as the mould in which it casts them is that which pleases the predominant power in the government, whether this be a monarch, a priesthood, an aristocracy, or the majority of the existing generation, in proportion as it is efficient and successful, it establishes a despotism over the mind, leading by natural tendency to one over the body."

Others still have simply ignored the state's moral obligation to provide the access to an education. Mill further laments, "Is it not almost a self-evident axiom, that the State should require and compel the education, up to a certain standard, of every human being who is born its citizen? Yet who is there that is not afraid to recognize and assert this truth?" He continues to argue that not only is it the state's obligation, it is the duty of the parents who bring their children into existence to provide them with the tools to make that existence worthwhile. He argues that the state should be held responsible for attempting to bias its students with its own agenda, and that criminal accountability is not completely out of the question. Finally, and most importantly, Mill concludes, that in this liberty that we are so eager to maintain and safeguard,

we forget its very essence. We are not free to reject an education for ourselves or for our citizens, because it is at the moment that we become bound once again.

Mill would have been enraged to discover the lengths that Malala and Anne went to in order to secure an education for themselves and the children who had no advocates on their behalf, without the assistance of the local governments. But I also know that in the absence of his idealized convention, he would have been honored that two people would sacrifice so much not to simply learn multiplication and Elizabethan literature, but rather to attain freedom.

Silenced by the Taliban, and hidden away in the midlands, Malala still remains freer than most. She says in the documentary, staring straight into the camera, "I will get my education, if it is in home, school or any place. This is our request to the world: save our schools, save my Swat." If the world does not come through, she will still find a way, so that all of the children without the textbooks that Anne was delivering can learn. And without weapons, those who are curious enough will outnumber those who are afraid.

Nika Sabasteanski is a freshman Neuroscience major from New York, N.Y. She is the political philosophy columnist for The News-Letter.

Rethinking feminism: What it means and what it seeks

By AMANDA THEODOROU

If there is one thing attending college for one year has taught me, it is that everyone has an opinion. Whether this stems from a constant availability of information via the Internet or from a sense of obligation our generation feels toward the many causes that seek our attention, I would be hard pressed to find someone who has not already formed opinions on a myriad of social, political and economic issues, no matter how little he or she knows about the topic.

As a woman living in the 21st century, there are more than enough issues I can choose from to either support or oppose. I choose to support feminism.

As a social issue, feminism has been blacklisted. Society sees feminists as considered outdated, and while it concedes that they may actually shave, they are hysterical and hypersensitive. Every comment is sexist, and if you cannot see the implicit chauvinism, it is because you are not reading between the lines. They think that feminists rally against men and drone on about a patriarchal society that subordinates women in ways you can only appreciate if you are a female. And if you are male, please do not involve yourself in any debate about women's rights because you do not have the right to choose for the opposite gender.

I have not personally met any of those feminists. Feminists are not the radicals that society has made them out to be.

According to the Oxford Dictionary, feminism is defined as "the advocacy of women's rights on the grounds of political, social, and economic equality to men." The purpose of the feminist movement is to ensure the rights of women in societies that have histories of failing to do just that. But if the topic of social activism on campus ever comes up in conversation, I hear, "Women aren't better than men," or, "Things are the way they are for a reason," or, "There's no reason to be a feminist anymore."

Behind each of those statements are implicit, false facts.

Women are not better than men. Men and women are

equals.

Life, fate, God, a series of unrelated coincidences, or whichever governing belief you ascribe to did not subordinate half of the world population naturally. Human beings created complex interrelated societies and assigned roles to men and women. Just as those roles were once assigned, they need to be reassigned and adjusted to reflect the advanced world in which we live. What was appropriate for the people of yesterday is no longer applicable in the 21st century.

The point of feminism is to bring society to a position in which feminism is no longer needed. When men and women enjoy equal rights and opportunities, the goal of feminism will have been met. This goal has not been met. Feminism is concerned with multiple branches of society including education, employment, equal pay, societal expectations, democratic representation and violence against women. The end goal for each of these concerns does not demean or take away from the rights of men.

As a developed country, people tend to romanticize and exaggerate women's equality in America. Cuba, Afghanistan, Iraq, Vietnam, Saudi Arabia, and 72 other countries have higher percentages of women in parliament, or similar governing bodies than the United States. In a congress of 433 representatives, only 77 — or 18 percent — are women. Females earn 6 out of 10 bachelor's degrees, but the median salary for a female with a bachelor's degree is \$10,000 less than the median salary for a male with a bachelor's degree. More people will utter the word "slut" tomorrow than anyone can count.

It is difficult to see the root of feminism when prejudices, anecdotes from the past and radicals cloud the general public's vision. Feminism is not an attack on men or the foundations of life as we know it. It is a movement to change the faults of a society that has grown complacent.

Amanda Theodorou is a freshman English and Writing Seminars double major from Old Brookville, N.Y.

Bayly Winder

Assessing where the Arab Spring stands

The Arab Spring dates back to December of 2010, when Tunisian national Mohammed Bouazizi set himself on fire to protest harassment by municipal officials. Regimes have been toppled in Tunisia, Egypt, Libya and Yemen. This is a remarkable accomplishment considering the strength and repressive capabilities of these dictatorships. Libya's Muammar Gaddafi was in power for over four decades before he was killed in October of 2011. Hosni Mubarak ruled Egypt for longer than anyone since Muhammad Ali Pasha, whose reign was during the first half of the 19th century.

Most cases, however, have not resulted in the collapse of the government. Syria has been torn apart by a devastating civil war which does not appear likely to end anytime soon. An uprising in Bahrain against the Al-Khalifa monarchy has resulted in many civilian casualties and a forceful intervention by the Gulf Cooperation Council's (GCC) Peninsula Shield Force. Large-scale protests have broken out in many Arab nations such as Jordan and Kuwait.

The key question is, of course, has the Arab Spring been a success? Thousands of deaths later, there are few success stories that come to mind. After Mubarak's downfall, the Egyptian people seemed poised to form a lasting democracy and shed an authoritarian past. But the once promising President Mohammed Morsi today oversees a deteriorating economy and a broken political system. In other countries, new

leaders have failed to emerge or have simply been a vestige of the old establishment. In Yemen, Ali Abdullah Saleh ceded power in 2012 after being in office for over 30 years, only to be replaced by his vice president,

may even favor the predictable and relatively secular dictator Bashar al-Assad over the prospect of a democratically elected Islamist leader. The Syrian National Council has thus far represented the opposition in a fragmented and confused fashion. The leading diplomatic and military powers, most importantly the U.S., have been paralyzed by indecisiveness and have only issued ambiguous statements on the matter. Apparently, no one can properly articulate what is happening today in Damascus, and what should happen in the future.

It's unclear whether the Arab Spring is still unfolding, or if this

is considered to be the aftermath of a series of dramatic upheavals. Fundamental changes in the governments of the Arab world, at least in the positive sense, have not yet surfaced.

However, the dust has not yet settled in a post-revolutionary setting. Even though some chances to capture the momentum of the Arab Spring have been squandered, opportunities remain plentiful. The streets of these cities may be bloodstained, but it is too early to place a value on the actions which resulted in the bloodshed. Moments of bravery and inspirational words have translated into national success stories many times before, and the Arab Spring still has the potential to follow suit.

Bayly Winder is a junior Political Science major from Princeton, N.J. He is the Middle East columnist for The News-Letter.



COURTESY OF JONATHAN RASHAD VIA FLICKR
Although the Egyptian Revolution came to an end in 2011, the war still rages on in Syria.

End of Semester Campus Dining Hours

Fresh Food Cafe

Closes after lunch at 2pm
on Thursday, May 16*

Nolan's

Closes at 9pm
on Thursday, May 16

Charles Street Market

Closes at noon
on Friday, May 17

Levering Food Court

Open throughout the summer
Monday-Friday 11am-2pm**
(Closed 5/23 for Commencement)

Pura Vida

Open throughout the summer
Monday-Friday 8am-4pm**
(Closed 5/23 for Commencement)

*a complimentary buffet dinner will be offered at the FFC from 5-7pm on Thursday, May 16 and a continental breakfast from 7-10am on Friday, May 17 to those students enrolled in the AT, 14, or Block 50 Plans.

**abbreviated hours and service

Contact JHU Dining at dining@hd.jhu.edu for more details .

THE B SECTION

Your Weekend • Arts & Entertainment • Cartoons, Etc. • Science & Technology • Sports

MAY 2, 2013

CONGRATULATIONS *MEN'S BASEBALL* FOR A GREAT SEASON!



BY LEON SANTHAKUMAR
PHOTOGRAPHY EDITOR

YOUR WEEKEND MAY 2-5

Transportation tips to get to D.C.

By SALLY HWANG
Your Weekend Editor

If you're like me, you probably Google Mapped the distance between Baltimore and D.C. before coming to Hopkins. And upon seeing how close it was, told yourself you'd be in our nation's capitol at least once, strolling through all the museums and monuments. But upon actually coming to college and finding yourself way too lazy, you, to this day, have never actually gone.

Now it's the end of the year, and in between 15-minute intervals of studying for finals, you've come to regret not going to D.C. Well, it's not too late to make one last trip before leaving and with this guide on how to get there, it'll be pretty simple.

First, you'll need to get to Union Station in D.C., the transportation center for the Metro and the coolest train station ever. (They

have Au Bon Pain!)

If you're lucky enough to find time to go on a weekday, the MARC train runs at convenient and frequent times throughout the day for \$14 round trip. Take the IHMI to Penn Station and the MARC will take you from Penn right to Union Station.

But you'll most likely go during the weekend, in which case transportation gets much more expensive. There are always Amtrak trains running, but on weekends a round trip ticket cost up to \$40.

The cheapest option on weekends requires a bit more effort, but it'll save you a lot of money — so you can spend more on ramen now that you've run out of dining dollars. The Greyhound bus will take you right to Union Station for around \$25, round trip.

You'll need to call a cab or use the MTA to get to the Greyhound station, which is about 15 minutes

from Penn Station. But hey, if you can figure out calculus problems at 3 a.m., this won't be too hard.

Once you're at Union Station, all that's left to do is buy a Metro pass. Each one-way ride on the Metro is about \$3.50 but the all-day ride pass is \$14. I'd recommend the all-day pass for a busy day trip, but if you're in D.C. just for a concert, paying per ride might be a better option.

The Metro's only fault is that it does not stop as conveniently close to the National Mall as it does to other iconic places in D.C.

You'll have to walk a bit to reach the monuments, so don't save this until the end of the day or you'll find yourself cursing the Metro and questioning if it's worth the scenic but long trek.

In terms of safety, it is public transportation so there's no doubt you'll see a few people who might make you feel uncomfortable. That being said, everyone uses the Metro

so you'll also be surrounded by professionals and families. Just use common sense and stay alert; it is a city after all.

Hopefully this column has saved you some money and hours of Googling. Now there's no excuse to not to embrace D.C. — except maybe a D or C on that practice exam.



COURTESY OF GAIastreetart.com

The mural pictured above from Gaia's exhibition, which closes this weekend, is one of many on display at the BMA.

Taking a break during reading period

If you didn't already have your anxious eye on it, May 3 is the last day of classes this semester. Has reading period always been this short? (It's only until Tuesday!) It's time to celebrate the beginning of the end this weekend.

If you can't afford to go far, I'm sorry, but you can still check out Dunbar Baldwin Hughes Theater's performance of Lydia Diamond's "Stick Fly." The play is about an affluent African American family that spends a weekend in Martha's Vineyard.

Tense subjects bubble up and disturb an otherwise peaceful and happy surface. The Hopkins production runs from Thursday to Sunday at the Swirnow Theatre, with \$3 tickets at the door.

You can also check out free exhibitions at the BMA, one of which closes this weekend.

Gaia, a young, up-and-coming Baltimore artist presents his street art, which consists of murals that sprawl from the floor to the ceiling. He does many expressive portraits, painted in a fresh style and intended to incite social action.

If time allows, a few events await downtown, too. This weekend coincides

with Cinco de Mayo, the Mexican celebration of the army's victory over France in 1862. (I bet the history of it never once crossed your mind.)

Little Havana, a Cuban restaurant in Federal Hill that's been on my bucket-list for quite some time, celebrates Cinco de Mayo for 5 days, from May 1-5. The festivities end with Sunday's "Mother of All Brunch" party, which sounds both decadent and intimidating.

Also, Power Plant Live!

will feature TABOO, from the Black Eyed Peas, DJing for the venue's Cinco de Mayo Fiesta this Saturday. They advertise the event as free, but \$25 will get you "all access and open bar." Buy tickets ahead of time online.

Aside from Cinco de Mayo festivities, the Lithuanian Hall is hosting another Save Your Soul dance party this weekend, which I wrote about in my last piece. (Get out your dancing shoes!)

The 21+ event features danceable funk and soul and the ultimate hipster crowd. Hailing from the electric radio station WFMU, Todd-O-Phonic Todd will DJ.

Every year during reading period you have two choices: spend 4.5 days, or 108 uninterrupted hours, in front of textbooks and a monitor, or pepper that time with pieces of the outside world. It's your chance, especially if you booked a flight home right after finals. Have fun!



COURTESY OF COMMONS.WIKIMEDIA.ORG

With frequent departure times, the MARC train is the most convenient way to get to D.C.

JHU and B'more Happenings

Thursday May 2



PEABODYJHU.EDU

Peabody Improvisation & Multimedia Ensemble
7:30 p.m.
East Hall

For \$5, hear the Peabody Improvisation and Multimedia Ensemble play, directed by renowned tenor saxophonist and teacher Gary Thomas.

Friday May 3

Peabody Jazz Orchestra
7:30 p.m.
East Hall

Spend an evening immersed in beautiful jazz played by up-and-coming student musicians. Michael Formanek will direct the show.



PEABODYJHU.EDU

Flowermart
11 a.m. - 8 p.m.
Mount Vernon

The Flowermart is a colorful extravaganza of flowers and plants. There will also be food trucks and live music to enjoy in the sun.



BALTIMORE.MARYLAND.ORG

Saturday May 4

AllNighters 20th Anniversary Spring Concert
8 p.m.
Bloomberg Hall

Join the all male a cappella group, The

AllNighters, as they celebrate their 20th anniversary.



JHU ALLNIGHTERS VIA FACEBOOK

JHU Ballet & Listen Up Tap
8 p.m.
Shriver Hall

Ballet and tap dance team up for one night when the JHU Ballet and Listen Up Tap student dance groups showcase their talents.



LISTEN UP TAP VIA FACEBOOK

Dreamgirls: The Musical
3 p.m. & 8 p.m.
The Lyric Opera

Dreamgirls, a Tony

Award-winning musical, is about a group of young African-American women trying to make it in the music industry. If you enjoyed the movie adaptation, try the live version at the opera house!



LYRICOPERAHOUSE.COM

Kinetic Sculpture Race
10 a.m.
American Visionary Art Museum

This eccentric race is made up of competing human-powered machines designed to travel through land, mud and the harbor. Watch and cheer for your favorite "kinetinauts" as they compete for awards like Worst Honorable Mention and Best Costumes.



KINETICBALTIMORE.COM

Towsontown Spring Festival
10 a.m. - 7 p.m.
Downtown Towson

Celebrate spring in neighboring Towson with carnival rides, live music, beer gardens, and most importantly, great food! Admission is free.



365BALTIMORE.ORG

Sunday May 5

Earth, Wind, & Fire
7:30 p.m.
Pier Six Concert Pavilion

See the critically ac-

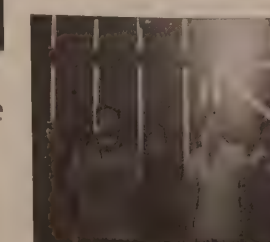
claimed, iconic soul-rock band Earth, Wind and Fire, perform many of their greatest hits this Sunday right here in Baltimore.



RAMSHEADGROUP.COM

Relient K
7 p.m.
Rams Head Live

With openers Hellogoodbye, William Beckett, Mike Mains and The Branches, Relient K will play at Rams Head this weekend. Relient K, best known for their hit song "Be My Escape", will release a new album in July.



RAMSHEADLIVE.COM

ARTS & ENTERTAINMENT

Major 7 a cappella Barnstormers competition features talent group unveiled

By AUBREY ALMANZA
Copy Editor

The Hopkins a cappella scene welcomed a new group of entertainers in the midst of The Vocal Chords' 18th Annual Spring Concert.

On April 20 an infantile a cappella group called Major 7 — featured as The Vocal Chords' guest act — performed for the first time in the Bloomberg Auditorium.

Most small, lesser known groups struggle to draw an audience for at least the first few months of their careers.

However, unlike typical fresh-faced a cappella groups, the troop known as Major 7 brought a large fan base to its debut, receiving personalized cheers the second they entered the spotlight.

Contrasting rookie norm, Major 7 appeared to possess an enthusiastic following before ever performing.

While ordinary, novice a cappella groups naturally appear nervous during their early shows, Major 7 was poised, prepared and arguably gave a flawless performance.

Several audience members recognized the faces of Major 7.

Familiar to a cappella fanatics were soloists Jaquain Sloan and Jacki Choi, for both singers belong to official Hopkins a cappella groups outside of their Major 7 membership.

In fact, every Major 7 singer originates from a separate Hopkins musical establishment. Ari Messen-

ger and John An accompany Sloan in the female-favorite AllNighters. Ben Ackerman leads ICCA Quarterfinal winner, The Octopodes. Jacki Choi belongs to The Mental Notes, while Nicki Hodgins and Carrie Quarquesso are Voice majors at The Peabody Conservatory.

Unaware viewers began to wonder if the exclusive unit branded Major 7 stole its members from various musical corners, snatching some of Hopkins's most talented in the hopes of creating a hybrid, powerhouse group. Inquiries arose regarding the happiness of members in their independent musical pursuits. Buzz circulated questioning Major 7 auditions and whether or not tryouts were underground or invite-only.

Fortunately, sophomore and Octopodes Assistant Music Director Ben Ackerman addressed these questions in an interview with *The News-Letter* to set the record straight.

When asked about a mastermind behind the troop's formation, Ackerman explained that there was no plotting figure responsible for Major 7's birth. By contrast, the idea casually arose during a conversation between two friends.

"My suitemate, John An, and I were talking one day and we decided it would be fun to get a group of our friends together to sing a couple songs."

Needless to say, no auditions were held for Major 7.

SEE MAJOR 7, PAGE B4

By ALLI GRECO
Arts & Entertainment Editor

On Sat., April 27, the Johns Hopkins Barnstormers held a student monologue competition in the Arellano Theater.

Twelve contestants competed for a \$75 first prize, which was awarded to the student who performed the best monologue.

Students of varying majors and all grade levels recited three-minute monologues that were observed by a panel of four judges, the most notable of whom was Professor John Astin of the theater department.

After contestants competed their monologues, the judges were given time to write comments and their overall scores. The contestants did not see their scores during the event, but judges provided comment pages for later referral.

The event did not fill up the Arellano Theater, but it did draw a good amount of students.

The best place to sit would have been in front and to the left. In these areas, students were not blocked by the panel and not disturbed by the crowd of students sitting on the righthand side.

The theater itself, although small and intimate like the Smirnoff Theater, felt light and open, which gave the event a more casual feel.

Presumably, it gave performers more freedom to recite their lines and not worry about speaking out to a crowd enveloped in darkness while a lone spotlight shines on them. The

contestants presented a wide array of monologues from many different plays.

Many even made interesting use of the entire stage. If they did not walk around much, they used gestures and facial expression to give depth to their monologues. Sophomore Ryan Blake delivered a captivating monologue from "Death of a Salesman."

He had a command over the audience.

He stayed in his chair, but made effective use of his hands in adding emphasis.

The way he performed his monologue was like having a conversation with his audience rather than just reciting lines.

Sophomore Lucas Shores also gave a stand-out performance, as he de-

livered a wonderful performance from Shakespeare's "Othello."

He walked to center stage from backstage, and added to his rage with volume fluctuations and a villainous attitude.

These were just two of the wonderful performances delivered that evening, but the stars of the show were sophomores Pamela Hugi and Kathleen Lewis and Freshman Nava Rastegar, who won third, second and first place respectively.

Hugi's "King Lear" monologue clearly placed for its clever use of diction, passionate dialogue and intensity.

Lewis's "Richard III" monologue seethed with intensity.

She used up every bit of space on the stage, but it served to her advantage. She was dressed all in black and speaking in a maniacal tone of voice appropriate for the scene. However, Rastegar's monologue stole the show.

She encompassed all of the elements of her competitors, and delivered a monologue that was interesting, well-rehearsed and rewarding for the audience.

After the Barnstormers concluded the event with their senior send-off, it was clear that they had capped the year off with a successful event.

The Hopkins community looks forward to what the Barnstormers will have to offer the student body next year.



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

The final JHU Barnstormers event of the season showcased the talents of 12 monologue competitors.

Oblivion meets expectations as action film

By ANDREW CAPPUCCINO
Staff Writer

Sometimes, reviewing a film is as simple as answering how the film dealt with the reviewer's expectations.

If it exceeded expectations, the film is great. If it met them, the film is good.

Of course, if the film did not meet them at all, the film is bad.

Director Joseph Kosinski's second film, the science-fiction "Oblivion," is good.

It possesses the same flair for captivating special effects as Kosinski's first film, "Tron: Legacy." With striking visuals, solid work from the actors, especially Tom Cruise, and a decent plot, "Oblivion" will entertain from start to finish even if it will not break new cinematic ground.

Tom Cruise stars as Jack Harper, a technician who repairs and maintains automated drones on Earth.

The movie quickly explains the presence of drones, the post-apocalyptic atmosphere, and the lack of humans.

Aliens known as "scavs" or "scavengers" attacked Earth and destroyed its moon.

To defeat the scavs, humans used nuclear weapons. Humanity won, but the nuclear weapons and lack of moon rendered Earth inhospitable. Humans must live on Titan, the moon off of Saturn,

and the space station, Tet.

One day after saving Julia (Olga Kurylenko) from a drone after her spaceship crashes, the scavs capture her and Jack.

The scavs are no longer aliens, but Malcolm Beech (Morgan Freeman) leads a human resistance disguised as aliens.

Their reason for rebelling is unclear in the beginning, but it becomes clear later.

Beech assures Jack that there are no more scavs before he releases him, and advises him to explore the forbidden, high radiation zones. Jack, whose memory was wiped before his job, leaves

to find answers regarding his lingering memories of Julia.

After this, all is not what it seems, and the plot gets a lot more interesting.

The movie becomes a decent science-fiction, action flick.

It patiently sets up its world, which makes the second half of the story that much more interesting.

In "Oblivion" and other films, Tom Cruise has shown his versatility and devotion as an actor.

If he has proven anything in his "Mission Impossible" series, it is that he is very capable in action films.

He brings as much drama and gravitas to the role as the script and story permit.

The script holds him back sometimes, but the story gives him interesting outlets to make up for the script's deficits.

The visuals are also dazzling.

From the post-apocalyptic Earth to the space scenes, Kosinski shows his massive visual creativity.

Even the maintenance ship leaving Jack's mile-

high work station is interesting.

The film naturally owes a debt to Stanley Kubrick's "2001: A Space Odyssey." The spaceship with Julia that crashes on Earth is actually called Odyssey.

The film has many elements to compliment, but it does not do anything groundbreaking.

It is not great and historic, but no one expected or asked that it should be.

However, if they did expect to see a decent science-fiction/action movie, then this would be an appropriate selection.

To judge this film for its contribution to cinema would be wrong.

If judged on its own terms, it passes. It almost exceeded most expectations. "Oblivion" certainly has the action and science-fiction thrill that would be expected of a summer blockbuster. On the surface, it may seem average.

However, if excitement and special effects are what audiences are looking for, then "Oblivion" does the trick.

Rihanna proves to be a disappointment

By CATHERINE HALPERN

For *The News-Letter*

Rihanna, like Madonna, is a statement of modern youth. From her name that stands alone, to the risqué attire that she wears, Rihanna makes a statement, if nothing else.

However, despite having had some catchy songs in the mid 2000s, her concert at Baltimore's 1st Mariner Stage appeared to be a total waste of money in comparison to Mumford and Sons or even Lady Gaga — people with talent.

Rihanna was a Beyoncé "wanna-be", anyway... wasn't she?

Surprisingly, however, Rihanna proved to be much more after her concert performance.

Maybe she isn't just a sex symbol that dances with some catchy music to make the big bucks — maybe she actually stands for something.

The first thing that was apparent at the concert was the amount of young girls dressed up as close to Rihanna as they could muster.

Odd clothing, and very showy! These 14 year olds were wearing lingerie for Pete's sake!

They desperately tried to emulate her. They worshipped her.

Opening on the "Diamonds World Tour" was ASAP Rocky — who most would only recognize for his song "F**kin' Problems." Of course, the concert wasn't that surprising with regards to him — it was fun and he definitely put on a show.

He talked to the audience between songs, and did his job in getting the crowd pumped for the con-

cert; everyone was excited. Naturally, every other word was profane.

Additionally, ASAP Rocky obviously didn't perfect his lip syncing skills, which was rather disappointing (not that it mattered anyway though, because it was incredibly hard to hear him over the crowd screaming every word to every song).

Apparently this guy was a god among men, as well.

This was a rescheduled concert, due to Rihanna having the flu during the original date of March 12.

After ASAP Rocky got off stage, it appeared as though Rihanna would be a no show again.

Probably the most frustrating part of the entire concert was that she took over an hour to come on after her opening act left. To clarify, this means she only performed from 10-11, which is ridiculous considering the immense price of the tickets.

The audience took to entertaining itself in that time, dancing to the music that the stadium played as a filler.

In fact, the most entertaining and memorable part of the concert, sadly, occurred in this time, when one young man in the upper "nosebleed" seats got into the aisle and very emphatically danced to Psy's "Gangnam Style" when it was played.

The stadium even decided to honor him by putting him on the large screens by the stage.

At this point, the concert seemed to be a waste of time. Fortunately, it proved itself for the better.

Finally, in a huge dramatic entrance, Rihanna

SEE RIHANNA, PAGE B5



COURTESY OF WWW.FANPOP.COM

The film *Oblivion* showcases both Tom Cruise's versatility as an actor and the movie's dazzling visual affects.

ARTS & ENTERTAINMENT

Wind ensemble gives new twist to music

BY ALLI GRECO
Arts & Entertainment Editor

On Sunday, April 28, the Johns Hopkins University Wind Ensemble performed its spring concert in Shriver Hall. The concert was entitled "Dance," and it showcased pieces of music that were heavily influenced by different styles of dance.

The Wind Ensemble was conducted by Christy Muncy, who also conducts the Pep Band. Before beginning at Hopkins, she directed the Colorado State University Concert Orchestra, served as Assistant Conductor for the Colorado State University Symphony Orchestra and Opera CSU, and Assistant Conductor for both the Fort Collins Symphony and Thornton Community Band. Given such a wealth of experience, Ms. Muncy knew how to conduct the Wind Ensemble and put a new twist on concert music.

Ms. Muncy explained that dance is how instrumentation began. The music itself evolved into different genres such as jazz and classical, but modern composers want to return to music's roots and create music that fuses instrumentation with the rhythms of dance.

The concert began with "Sun Dance," which is celebratory and joyous. It was a bouncy, bright and sparkling song that evoked images of people celebrating a big event at a party. Its occasional cymbal crashes, dynamics, and trills, made the audience feel elated.

Gabriel Fauré's "Pa-

vane," on the other hand was more stately, serious and somber. Based on a European sixteenth century dance, the pavane featured a clarinet baseline. This laid the foundation for the rest of the melody. There were few dynamic changes, and the song would have been appropriate for a simple march.

The "Illyrian Dances" by Gyu Woolfenden were also notable. The piece was separated into three movements. The first was energetic and fun, much like a jig. The second was delicate the pretty with its flute trills, and the third was majestic, lively and based on French Baroque dance.

Warren Benson's "The Solitary Dancer" was also highly interesting and unique. It harnesses pauses, silences and the fading of instrument sounds to symbolize the potential energy ignited when a dancer is either in repose or strikes a pose before moving again. The composer was aware of the sense of inner peace, adding few dynamics, but also of the graceful self-discipline necessary for a top-notch dancer. It neither begins nor ends with a bang. Rather, it is a peaceful and graceful work of music that explores the internality of a dancer.

The Johns Hopkins Wind Ensemble put on a wonderful performance that the entire audience was able to enjoy.

With a new executive board to usher in the new year, it will be interesting to see what musical innovations will come from the band.

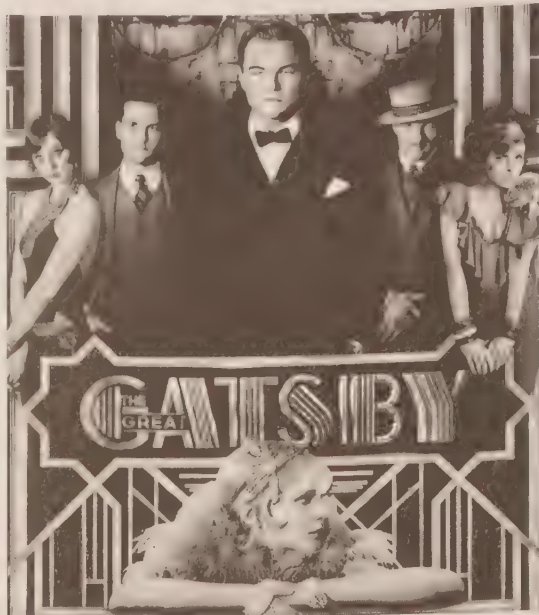
BY ELIZABETH SIEGAL
Arts & Entertainment Editor

The feeling of a book and its pages in a reader's hands is at once a cherished and inexplicable experience. Whether the tears on the edges of pages and notes between the margins evoke a feeling of nostalgia, or, oppositely, the pristine quality in which it may be kept, symbolize the sacred regard for that piece of literature. The physicality of a book says a lot about the reader. This value placed on the book itself is often cited as the reason for the backlash against the new wave of Kindles and other various e-books, which sacrifice the paper and ink for a more eco-friendly and condensed medium.

Therefore, it came as no surprise that when a new jacket copy for F. Scott Fitzgerald's *The Great Gatsby* appeared on shelves last Tuesday, the literary world was a little shaken up. Rather than the classic artwork of a floating face against a blue backdrop, the new cover features the stars of Baz Luhrmann's upcoming cinematic adaptation of the novel, set for release on May 10th, in a flashy frame of gold borders and stylized text.

While *The New York Times* reports that outlets such as Barnes & Noble will stock both the original version and the new promotional cover, other stores have diverged to opposite ends of the spectrum, with Wal-Mart only selling the cinematic edition, and multiple independently owned stores refusing to stock anything but the original.

Understandably so, many literary purists, particularly lovers of *The Great Gatsby*, have voiced their concern for the loss



COURTESY OF THE GREAT GATSBY VIA FACEBOOK
The movie poster for *The Great Gatsby* serves as the new book cover.

of the novel's importance and respectability as a staple of American literature through the marketing tools of the lucrative modern film industry. Despite nothing changing in the content of the book, these critics believe the difference in aesthetics of the cover removes an important component to the novel.

This rebranding only adds to the long list of transgressions associated with the new movie. Luhrmann, who is known for his extravagant cinematic spectacles, such as *Romeo + Juliet* (1996) and *Moulin Rouge!* (2001), has provided only a glimpse into his interpretation of Fitzgerald's novel. However, even from the few trailers and posters released, the film appears to be extremely stylized, highlighting the scantily clad 1920s flappers and the scandal and allure during the Prohibition era.

While it is praised for its ingenuity, there seems

to be an underlying fear among many fans of the book that the movie will betray the essence of the novel in its pure ambition. This translational pitfall claimed its most recent victim in Joe Wright's adaptation of Leo Tolstoy's *Anna Karenina* this past fall. Using the mode of a stage in an attempt to illustrate the themes of this literary classic, the film was praised for its artistry, but criticized for its inability to grasp the integrity of the characters in light of its visual splendor.

When watching Luhrmann's *The Great Gatsby* trailer, there is certainly a disconnect between the novel and the film, as the audience listens to Frank Ocean and Jack White in the midst of a 1920s setting. While the soundtrack lends a more modern approach, featuring a grand production of many successful contemporary artists, it might be just another tool in Luhrmann's paradoxical

interpretation.

Although the 1920s seem fairly archaic to our generation, the excitement and bustle is altogether familiar in our world of fast-paced media, style, and education. At its core, the 2000s and 2010s may be most similar to the 1920s period of history. By incorporating the celebrated entertainment of our generation into this interpretation, Luhrmann might just be highlighting this connection and making the material that much more accessible.

Equally, in our society the idea of "time being money" is taken to an extreme, generating a realm of marketing similar to the attention-grabbing attitude of the 1920s. Perhaps then the new cover of the *The Great Gatsby* is less of a put down, than an homage to what the novel encompasses. Jay Gatsby is a man recreating himself in order to become more successful than anyone around him. But, no matter how he tries to sell this image, he is still the same person beneath the surface.

The novel has already had a tremendous year in sales, topping Amazon.com's best-sellers list as of last Thursday. Scribner, the publisher responsible for *The Great Gatsby*, has shipped 280,000 copies in 2013 alone, cites *The New York Times*. Scribner has printed over 350,000 copies of the new movie edition in expectation of equally high sales.

Regardless of its new adornment, nothing has been changed in the beloved classic. It is simply trying to attract more readers to indulge in Fitzgerald's work. Whether the distributors are principled in this action is for its readers to decide.

Summer season provides exciting movies

By ANDREW CAPPUCCINO
Staff Writer

Summer is typically movie season. Young people are out of school and have a lot more free time to go to the movies. Hollywood has known this for the last forty years. Over the last twenty years, summer releases of big budget action blockbusters have increased. Studios even put out big budget, non-action movies like the upcoming *The Great Gatsby*. This summer has many blockbusters as well as non-blockbusters to look forward to. From May to August, here are the top 10 movies to watch out for this summer in order of release date:

Iron Man 3 — May 2
See Robert Downey Jr. don the Iron man suit yet again for *Iron Man 3*. *Iron Man* was great, *Iron Man 2* was decent, so *Iron Man 3* should fall somewhere in the middle. If *Iron Man 3* does not persuade viewers, the sheer talent of the cast will. Guy Pearce, Gwyneth Paltrow, Ben Kingsley, Don Cheadle and of course Robert Downey Jr. are sure to please. Preliminary reviews are already positive.

The Iceman — May 3
Michael Shannon ("Boardwalk Empire") portrays real-life mob hitman Richard Kuklinski. This biopic tells the



COURTESY OF FLICKR.COM
Ed Helms, Zach Galifianakis and Bradley Cooper star in the summer release, *The Hangover: Part III*.

story of the now imprisoned Kuklinski, from his early beginnings to his eventual capture. Michael Shannon has been on a performance streak, and he surely will not disappoint.

The Great Gatsby - May 10

Baz Luhrmann is always a risky choice because his films are always hits or misses with audiences. He is also attempting to adapt an American classic, which is always tricky. Whether *Gatsby* turns out to be a good film or a bad film, it should at least be on everyone's radar.

Star Trek Into Darkness — May 15

Seeing the first *Star Trek* is more than enough reason to see the sequel.

The Hangover Part III — May 24

No one thought that a

trilogy of films could come from such a premise, but *The Hangover Part III* comes out in May. The first movie was great, and the second was a poor copy of the first. Do not expect anything groundbreaking, but the movie will certainly have some laugh-out-loud moments.

Man of Steel — June 14

Two words: Christopher Nolan. That is the name of one of the world's most talented directors. Christopher Nolan knows how to make a movie, and he delivered one of the richest trilogies of all time with the *Dark Knight* Trilogy. Here, he produces, and Zack Snyder of 300 directs. This should be one of the better movies of the summer and is an absolute must-see for fans of either 300, the Batman movies, or anything Superman-related.

Pacific Rim — July 12

Guillermo del Toro has an imagination unlike any other. It gave the world two *Hellboy* films and *Pan's Labyrinth*. On the basis of the latter, this should be a worthy film.

Only God Forgives — July 19

Most people will know director Nicolas Winding Refn from his 2011 *Drive*, which also starred Ryan Gosling. He has

been making great films since his first film, *Pusher* (1996), and this upcoming crime thriller should continue his hot streak.

The Wolverine — July 26

For those viewers looking for a good action movie, *The Wolverine* is probably it. Director James Mangold has directed enough good movies, and Hugh Jackman has performed the role of Wolverine enough times that this should be worth seeing.

300: Rise of an Empire — August 2

Do not expect much new here. 300 was, if nothing else, slick entertainment, and this film should follow in its footsteps.

This will surely be a great summer for movies. This list is just a starting point. There are many other potentially good movies, but hopefully these movies are worth the price of admission.

New a cappella group formed by friendship

MAJOR 7, FROM B3

Ackerman and An simply invited mutual friends from campus and Peabody to convene and test their chemistry.

"We just tried out an arrangement that we had lying around, and once we saw that we were able to learn it quickly and were happy with the results, I arranged Skyfall," Ackerman said.

Jacki Choi's rendition of Adele's "Skyfall" subsequently accrued over 20,000 views on YouTube. The video received hundreds of praising comments, including those of admirers willing to buy Ackerman's arrangement sheet music.

The popular footage generated some of its fame after being featured on Brazil's leading pop culture blog, PapelPop (a BuzzFeed equivalent). Major 7 certainly had not predicted the tremendously positive reception.

"I was honestly really surprised. We definitely weren't expecting such a massive response when we posted the video on YouTube," Ackerman said.

Major 7 is currently not officially registered with the University.

"I don't think we plan on becoming an official group. The nature of Major 7 is just a group of friends who want to have fun in something low key. We rehearse maybe an hour every time we meet, which has been a total of five or six times since we started," said Ackerman.

Attributing to the casual nature of the group, Major 7 takes a backseat to the members' outside music commitments.

"We wouldn't miss our individual rehearsals or gigs

for Major 7," Ackerman said.

He assured that members did not band together as a result of dissatisfaction in their former groups.

"We came together for the opposite reason. A lot of us had fun, positive experiences in the other groups that we're in. Major 7 came out of us wanting to hang out to share our positive, separate singing experiences with each other."

"Each Hopkins a cappella group is unique, but certainly not lacking. The Mental Notes are a comedy a cappella group, The All-Nighters are entirely male and Peabody isn't a cappella at all. This was our chance to come together and try something different than what we're used to in our primary groups."

Campus a cappella troops can rest assured knowing that Major 7 will not compete to recruit incoming talent.

"We're a very young group. Most of us are freshman and sophomores, so we plan on remaining the original seven in upcoming years. I don't foresee any of us being exchanged out because the whole point of our gathering was for this group of friends to be able to experience a cappella together," Ackerman said.

Hence incoming freshmen should not plan on adding Major 7 to their list of potential a cappella try-outs.

Major 7 is scandal-free and for fun.

These seven friends have multiple songs in store both on the web (mbe sure to visit their YouTube page) and in possible upcoming performances.

ARTS & ENTERTAINMENT

Valuable life lessons are learned from watching television shows

Well, this is it. End of the line. I'm kind of weird that I'm writing my last column article for F(l)o Show after keeping up with it for so long, but ... 11 life goes on, I suppose.

I struggled with what I wanted to write about for my last ever column.

Do I want to talk about

my absolute favorite TV shows?

Do I want to give advice about which shows to avoid and which to embrace?

Or do I simply want to be nostalgic and look back on my year and a half as a TV columnist for *The News-Letter*?

As I thought about all the other endings coming up in my life, though, I decided to ignore all those

options and go in a different, and hopefully more appropriate, direction.

Many people have asked me why I love television so much. They claim that television rots your brain, or that I'm just wasting my time or that I'm not learning anything.

Well, I don't know about the first (though I did see a study at some point claiming that the more TV you watch, the earlier you'll die),

but I would like to beg to differ on the latter two points.

Television is a way for me to escape the stressors of real life. Sure, I could be studying for my next test or writing a paper, but sometimes we all just need to step back and take a deep breath.

When I hear the sound of the TARDIS on Doctor Who, or when I follow the prison gang into yet another confrontation with walkers on *The Walking Dead*, I enter another world that is not necessarily realistic (at least I hope that TWD is not a portent of the future), but that is important to me all the same.

It's a world beyond the one I know, and adventure and angst aside, these stories make me think differently than I would for a test or paper.

And that brings me to my next point.

For all you haters who like to point out that TV is pointless because it doesn't teach anyone anything — sorry, but you're wrong.

First, I wouldn't even be a psychology major or want to go into psychology research as a career if I hadn't gotten into fiction and television.

I first became interested in understanding how people's minds work because I wanted to understand why certain characters made the decisions that they did, both as a consumer of media and as a writer of fiction.

School aside, television does teach lessons if you look hard enough.

There's a reason I love shows involving pseudo-families.

While they're probably not the most realistic description of the real world, they still show that if you're open to it, there will be people there for you,

and that you can make your own family.

As someone who was awkward and always had a harder time making close friends in high school, this was something that always gave me a little hope.

I don't exactly expect to find a group of tight-knit friends to go drinking at a bar with every night like the gang in "How I Met Your Mother," but hey, if someone as annoying as Ted can have close friends, how hard can it really be, right? (Okay, not really, but you get my point. And I guess Ted isn't always that bad.)

Or take a look at redemption arcs. Something I'm very interested in possibly studying in grad school is violence and crime.

Obviously, I'm not so naïve to believe that everyone who does something evil can be redeemed.

But, looking at redemption arcs on television reminds me that everyone has a past and a story that makes up the present. This encourages me to try and uncover that story to figure out the "trigger" which led to the violent act.

If I can do that, then maybe I can work with others in creating social policies to prevent such a trigger in another individual.

So yes, television is partially what gives me passion for the work and changes I want to effect in the real world.

Tell me that isn't a freaking huge influence. Tell me that television isn't important.

There are obviously shows that I hold nearest and dearest in my heart: "Buffy the Vampire Slayer,"

"Firefly," "Doctor Who," "Castle." "What do any of these shows have in common?" you might ask.

With the odd assortment of vampires, space cowboys, time travel and aliens, and writers who want to be cops, is there a common link between them?

These are the ones that touch me, whether with the words or the acting or the overall storyline.

Buffy teaches me that being brave means having the

courage to live in a not-so-perfect world. *Firefly* not only had some of the best one-liners in modern television, but also says that sometimes, you have to take a stand for what you truly believe in.

Doctor Who shows me the beauty of the world and of the people who live in it. Castle reminds me that there's always joy if I'm willing to open my eyes to it.

And all four of them stimulate creativity and inspire me to write more of my own fiction.

After all this, if you still tell me that TV is not important and that it doesn't teach anything, I'll laugh. (No offense.)

As I head to New York City in the fall, I'll carry what I learned from Hopkins, but also what I learned from the fictional characters whom I love.

I will find new prospects, press ahead despite maybe not wanting to get out of bed, and take advantage of all my opportunities to study and do what I love and what I'm passionate about.

And most importantly, in the famous words of Captain Malcolm Reynolds, I aim to misbehave.



COURTESY OF WWW.FANPOP.COM

Famous television shows like "Doctor Who" offer up not just entertainment, but also valuable life lessons.

"Arrested Development" offers up laughs

S.O.B.s stands for "Save Our Bluths," a campaign started by everyone's favorite "wealthy family who lost everything" on Mitchell Hurwitz's cult show, "Arrested Development." Almost a decade later Netflix has finally come to the Bluths' rescue, bringing them back for a fourth season.

The new episodes of "Arrested Development" will become available exclusively through Netflix on May 26. Anticipation is already running high. Promotional photos with iconic images from the show have recently been released.

These include Tobias' "never nude" jean shorts and a brown bag marked "Dead Dove Do Not Eat" from one of GOB's many magic trick casualties. These are inside jokes, but to "Arrested Development"'s devoted fan base, they are much appreciated. For someone obsessed with the show for over four years, all this hype is very exciting.

"Arrested Development" premiered on FOX in 2003. I was twelve years old and, like many people, completely unaware of its existence. Like "Firefly," it is one of those wonderful programs cursed to find popularity only after its demise.

But by the time I was in my late teens, word of "Arrested Development" had spread among my friends.

The first time I heard about the show was through a recounting of GOB's colorful exchange with his mother, Lucille.

The scene: GOB moves back home after breaking up with his Latina girlfriend, Marta.

His mother is less than thrilled. She says, "You've got three days." He answers, "Hey ... if I can't find another

horny immigrant by then, I don't deserve to stay here!"

The absurdity had me intrigued. So I started watching my senior year of high school, and within a few weeks, I'd seen all of "Arrested Development"'s three short seasons. Now after enjoying each episode at least three times, I still consider it to be the funniest and possibly the smartest show I've ever seen.

"Arrested Development" is a character-driven comedy, with ridiculous people tethered just enough to reality. There's Michael (Jason Bateman), the central character and the most normal of the bunch. He is trying to save the family company and keep everyone out of trouble after his father, George Sr. (Jeffrey Tambor), commits some "light treason." Michael has a twin sister, Lindsay (Portia de Rossi), a vain "stay-in-bed" mom with a gay husband named Tobias. Tobias Funké (David Cross) is the world's first "Analrapist" (analyst and therapist—it doesn't look so good on paper), but he has quit his job to unsuccessfully pursue an acting career.

Lindsay and Tobias have a teenaged daughter, Maebey, who is somewhat of a con artist. She captures the interest of her shy cousin, George Mi-

chael; he takes her to see the film *Les Cousins Dangereux* because he likes the way the French think. Michael's two brothers are Buster (Tony Hale) and GOB (Will Arnett). Buster spent eleven months in the womb, and is consequently attached to his mother in a rather oedipal way.

GOB is a magician ("Illusionist") whose many botched tricks include accidentally falling out of the trap door in his father's coffin.

Although GOB is intermittently the president of the Bluth Company, he is a relentless screw-up, constantly proclaiming, "I've made a huge mistake." Then there's the older Bluths, who may be even more entertaining than their offspring. George Sr., also known as "Pop-Pop," is in and out of prison after building model homes in Iraq for Saddam Hussein.

He has a pot-smoking twin brother named Oscar (also Jeffrey Tambor), who looks exactly like George except with more hair. ("Oh, that hair!" says Lucille.) Oscar is also most likely Buster's real father. But the ma-

triarch of the family, Lucille (Jessica Walter), is by far the best of the Bluths.

In one of my favorite scenes, Lucille marches into Michael's house and demands, "Get me a vodka rocks." Michael: "Mom, it's breakfast." Lucille: "And a piece of toast." Lucille is a complex character, with a different attitude toward each of her children. She smothers Buster, but doesn't "much care for GOB."

She advises Lindsay, "If you're worried about criticism, sometimes a diet is the best defense." As for Michael, Lucille needs him to clean up the Bluth family messes.

Also, their personalities clash in the best ways, especially when Michael tries to confront his mother about everything she has been hiding. Michael: "There's been a lot of lies in this family." Lucille: "And a lot of love." Michael considers this, and then replies, "More lies."

It's a shame "Arrested Development" was cancelled so early, but sometimes I find it amazing that the show was permitted to air at all.

The subversive humor, the rape and incest jokes, and the model homes full of Saddam Hussein look-alikes would make any network nervous.

But FOX gave it a chance, and while "Arrested Development" didn't have the best ratings, its post-mortem cult following was so strong that it brought the show back to life.

Now Arrested Development fans can finally get their fix. So, if you don't already have an account, sign up for Netflix this month to find out what's happening with the fabulously dysfunctional Bluth family. It's worth it, if only to see another one of Lucille's disconcerting winks.



COURTESY OF WWW.FANPOP.COM

Rihanna's performance at the 1st Mariner Area was underwhelming.

Clichés were abound at Rihanna concert

RIHANNA, FROM B3

came on stage and the crowd went wild. After her intro, Rihanna started the concert with a couple of new songs from her most recent album, including "Mother Mary" and "Phresh Out the Runway" (because what is a concert if it doesn't advertise the new material as well as showcase the old?).

When "Birthday Cake" was played, the entire crowd went crazy and sang along as Rihanna showcased her provocative dance moves.

After "Cockiness," Rihanna got off stage for a quick wardrobe change, and came out in even less than she was wearing before.

Three wardrobe changes later, Rihanna finished her concert with "Stay" and "Diamonds" to honor the name of the tour.

Overall it was a fairly cliché concert with very little happening that was unexpected.

One thing that was apparent throughout the entire concert was that the acoustics were improperly adjusted, just sounding like noise coming out of the amps (at least until you tuned your ears).

If the 1st Mariner Area knows anything about what they do, they're going to switch the sound company for the next concert they host.

Rihanna interacted with the audience but never said much more than "I love you Baltimore!!! F**k yeah!!!"

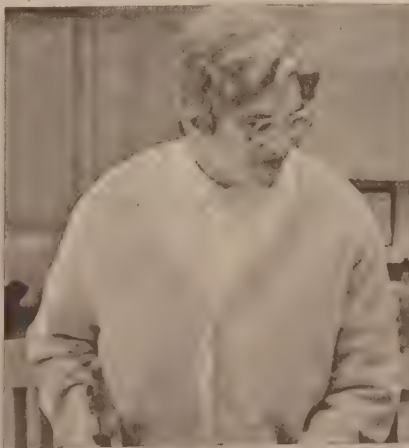
In that sense it seems that there isn't much more to the woman than some crazy dancing skills.

However, Rihanna makes a true statement of our generation — one in which women still try to earn the same rights as men and defeat double standards.

Through her provocative stage presence and profanity, one can find a hint of a woman expressing what was once only acceptable for a man.

She explicitly expresses the sexual appetite of a woman, something previously judged as poor form and "un-ladylike."

While the concert lacked surprises, with the main act taking an obnoxiously long time to get on stage, Rihanna may in fact stand as a representation of progression in our society today, whether intentionally or unintentionally.



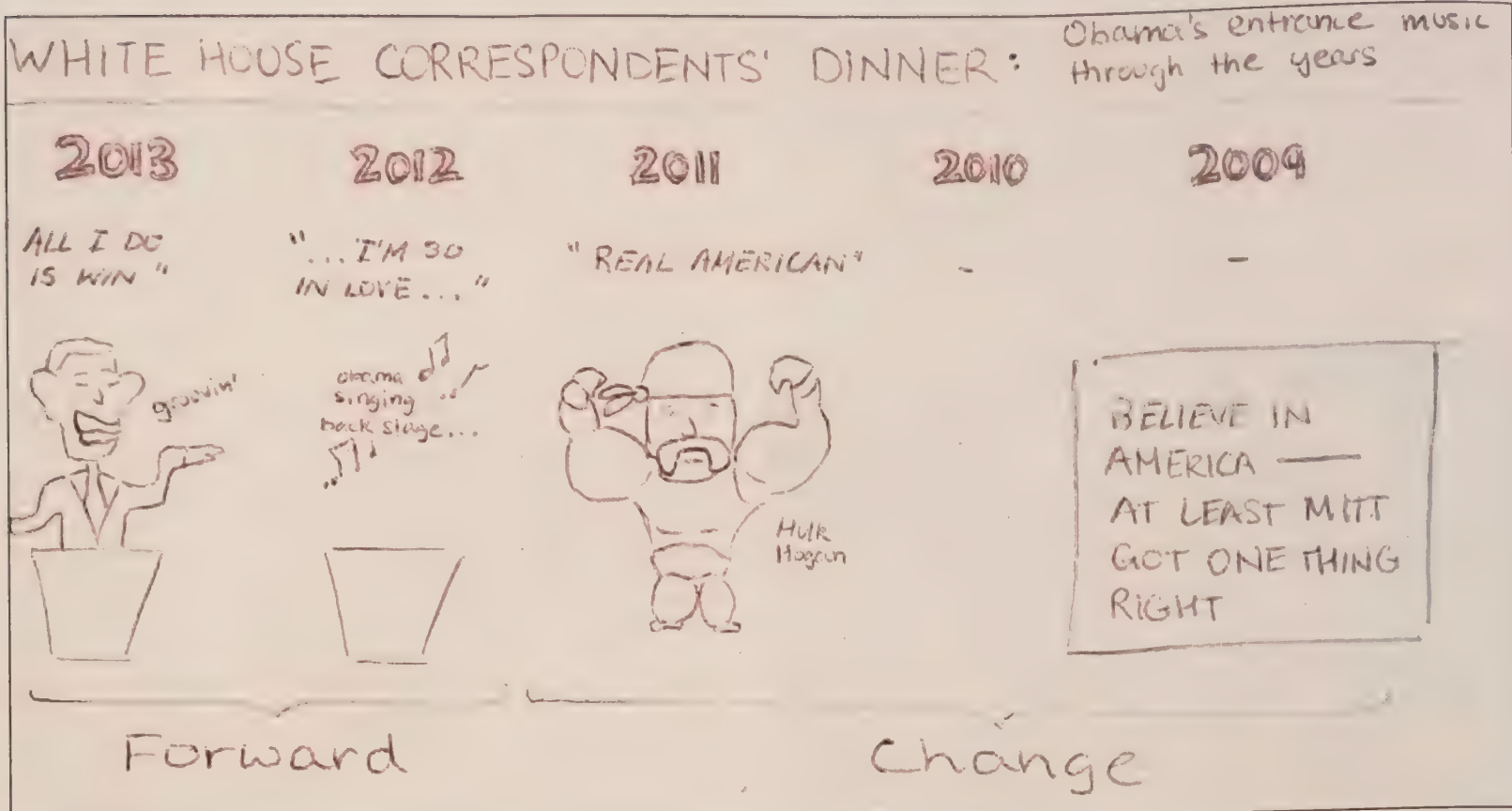
COURTESY OF WWW.FANPOP.COM

"Arrested Development" is one of TV's funniest shows.

CARTOONS, ETC.

'murica

By Sachi



"Oh, Horror, Horror, Horror!"

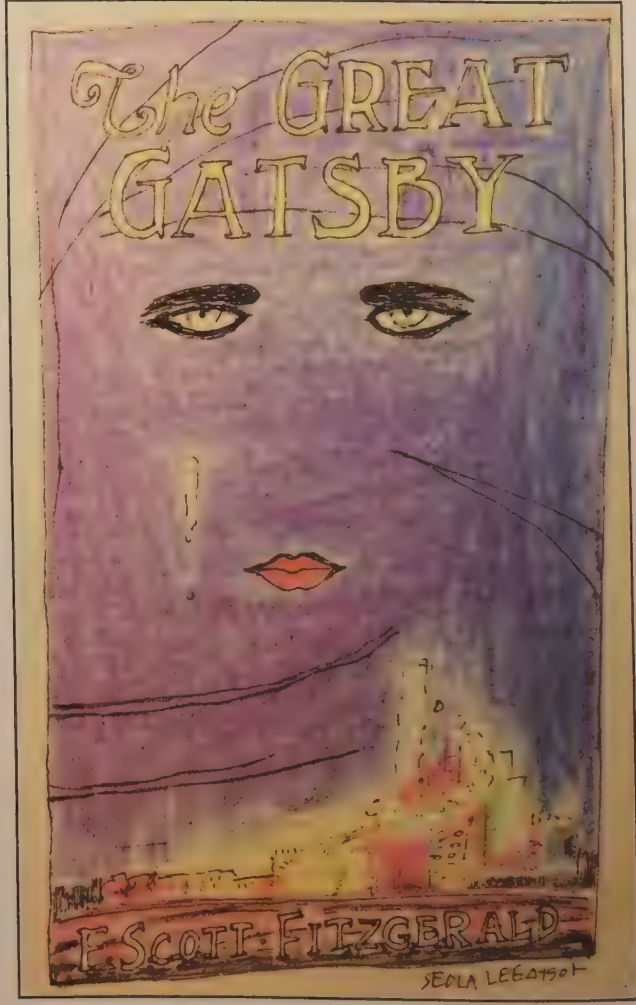
By Seola



For Melanie

By Yanan Wang The Great Gatsby

By Seola



SCIENCE & TECHNOLOGY



COURTESY OF ALESSANDRA VILLERREAL
New research has shown scientists that your ethnicity may play a key role in your body's defense system.

Ethnicity may determine immunity

By **TONY WU**
Staff Writer

Various aspects of human beings are determined by genetics. However, there is always the nature versus nurture debate. Recently, a team of researchers led by Corey Watson, a postdoctoral at the Mount Sinai School of Medicine, discovered important links between immunity and genes. There is substantial evidence that the nature side of the debate is more influential than nurture — at least in terms of the immune system.

Immune systems vary from person to person. There are people who have substantial defense against common germs and viruses and just never seem to catch a cold or flu. On the other hand, there are people with weak immune

systems who succumb to virtually every sickness circulating around the community. In the recent discovery, Watson and his team attempted to find the correlation between various genes coded by the DNA and their effect on the immune system.

Watson states, "Antibodies are essential components of the immune system and ... the genes in our genome that encode antibodies remain only partly described at the genetic level."

The first step of the study is to completely sequence the DNA of various subjects. This provides a detailed genetic map of each subject and allows scientists to conduct comparisons. In comparing the various parts of the DNA, scientists uncovered something interesting: ethnicity is an important factor in

how the immune system operates. Across multiple subjects, scientists found that there is a chain of nucleotides that are either missing or inserted according to the subject's ethnicity.

The chain of nucleotides is referred to as the IGH-chain locus, which is shorthand for immunoglobulin heavy chain locus. Just as the name suggests, this chain of nucleotides is responsible for the genetic code for more than 50 different types of antibodies within the immune system. These antibodies are then used by the B cells in the immune system to combat sicknesses and infections.

The experiment extracted a single chromosome from a subject and sequences the IGH-chain locus for that particular individual. The data is then used to conduct comparisons for the 11 common differences within that particular sequence. The researchers then identified eleven significant insertions and deletions of genetic coding for antibodies within that sequence.

By obtaining multiple

SEE *ETHNICITY*, PAGE B9



COURTESY OF COMMONS.WIKIMEDIA.ORG
Scientists have discovered a new species of dinosaur in Madagascar.

Hole in dinosaur fossil record filled with 'thief'

By **JOSHUA SCARALIA**
Staff Writer

A new species of dinosaur named Dahlokely tokana (pronounced "dah-HAH-loo-KAY-lee too-KAH-nah") recently discovered in Madagascar has helped to fill in the important missing fossil record from that area.

Until this point, there had been no fossil record between 165 and 70 million years ago in Madagascar. Dahlokely tokana lived 90 million years ago, shortening this large gap by 20 million years.

The only fossils found were the vertebrae and ribs which were discovered in 2007 and 2010 near the city of Antsiranana in northern Madagascar. Amazingly, using only these bones, researchers were able to identify the discovered dinosaur as a new species which they named Dahlokely tokana. This area of bone is specific

to most dinosaurs allowing researchers to compare it to other known fossils. Novel cavities on the side of the vertebrae indicated to scientists that they had discovered something previously unrecorded.

The name Dahlokely tokana translates to "small lonely bandit" in Malagasy. The translation to "small lonely bandit" refers to its carnivorous diet as well as the fact that it lived around the time when India and Madagascar were isolated from the rest of the world. Madagascar disconnected with India around 88 million years ago. Because Dahlokely lived before this split, it potentially has ancestors that lived in both Madagascar and India. However, because the skeleton of Dahlokely is incomplete, there cannot be anything said about whether it lived long enough to produce any descendants. Researchers are still trying

SEE *DINOSAUR*, PAGE B9

Scientists harness photosynthesis

By **BARBARA HOLT**
Staff Writer

One of the modern world's biggest concerns today is the current energy crisis. Globally, scientists and engineers are searching to find and working to develop new alternative energy sources to replace our dwindling fossil fuel reserves. In response, we've turned to wind-power, hydro-power, ethanol and many more green initiatives. Yet, nature's most powerful energy source has always been the sun. Thus far, solar energy technology has not shown much promise in yielding practical and efficient results to meet today's energy demands. However, quantum biologists may have finally found a way to harness the sun's vast energy potential — by mimicking plants.

Most of us are familiar with the photosynthesis cycle of plants, which converts light energy to chemical energy for a plant's use. Quantum biologists have recently uncovered quantum physics' role in this process, and on April 19, researchers from University of Chicago published a paper in *Science*, which reported the creation of a new synthetic compound to imitate plant photosynthesis on a quantum level.

Central to this discovery is quantum superposition. According to quantum mechanics, every particle in the universe exists in every possible state at once. However, whenever one attempts to measure the properties or state of the particle, the particle will correspond to only one configuration of itself.

While no one is advocating animal cruelty by any means, this is analogous to the enduring Schrodinger's cat setup. Toxic gas is released into a box with Schrodinger's cat. Within the box the cat may be either alive or dead, but until someone opens the box and observes the cat it exists in both states.

Greg Engel, a chemistry professor at University of Chicago and lead researcher, demonstrated that the particular positions or configurations of light particles may play a role in the efficiency of their light energy transfer. Engel may have discovered the reason plant photosynthesis results in virtually perfect light-harvesting.

Light-absorbing molecules effectively have "biological air traffic control towers" in the form of photosynthetic antennae. Proteins within the plant's absorbing molecules are organized into arrays by the photosynthetic antennae. This orderly arrangement enables the absorbed light to achieve quantum coherence, or essentially "match" quantum configurations, guiding the light energy quickly and efficiently to the plant's reaction center (where the light energy to chemical energy conversion takes place).

These "matching" superpositions are held for what is considered an extraordinarily long time in the quantum realm — several femtoseconds (or millionths of billionths of a second).

Quantum coherence between particles allows each particle to explore all possible routes to the plant's

reaction center and then pick the quickest route. This foresight from the light particles' quantum collaboration greatly increases energy capture, as the light energy does not have to randomly explore each possible path, but may skip ahead to the fastest one.

By linking together molecules of fluorescein, a fluorescent green dye, and hitting the molecules successively with femtosecond laser pulses from three different directions, Engel's lab was able to artificially recreate this phenomenon. The fluorescein glows when excited by the lasers, showing the flow and movement of energy with each glowing pulse. Engel filmed this movement and measured the signal oscillations, or the "quantum beat."

When various light energies are all held at the same quantum configuration, they produce a distinctive quantum beat. Dugan Hayes, a co-author of the paper, compared this phenomenon to the interference created when two different instruments play the same note.

This exciting discovery may yet produce synthetic light-harvesting systems and speed us towards a highly green and energy-efficient future.



COURTESY OF COMMONS.WIKIMEDIA.ORG
Researchers think they may finally be able to efficiently harness the sun.

Dark triad made up of scariest personality types

Before the world knew him as Lord Voldemort, Tom Marvolo Riddle was quite a charmer. A tall, handsome youth with impeccable manners and perfect grades, Riddle was admired by his teachers and classmates. But Tom's good boy persona was skin-deep. At heart, he was a psychopath and narcissist who used his looks and charisma to rope others into doing his dirty work.

Riddle's character fits well into the so-called Dark Triad, a trio of harmful personality traits that includes Machiavellians, narcissists and psychopaths. People who possess these traits share a lot in common, most notably the inability to understand how other people feel. There are some subtle differences though. Narcissists are self-centered people who hide their fragile self-images behind a peacock-like ego. Machiavellians are ambitious people who have no problems stepping on others to achieve their goals. Psychopaths, arguably the darkest trait, are slimy like the Machiavellians and self-absorbed like the narcissists. They are also incredibly good at getting people to like them.

Unlike many dysfunctional people, psychopaths readily slither into jobs and relationships. Oxford psychiatrist Kevin Dutton, who conducted The Great British Psycho-

path Survey in 2011, found psychopaths in many positions of power, including law, surgery and big business. Mesh their superficial charisma with the appeal of a prestigious profession, and you get a social lure that is hard to resist. While they make great first impressions, psychopaths are unable to keep their occupations and partners for very long. Always seeking new thrills, they rush through life like children at amusement parks. They go on rides for the fun of it, get bored really quickly and then set their sights on another attraction.

Dark Triad members may have another way of masking their flaws. Re-

search suggests that these people are more physically attractive than the average person. But attractiveness can refer to more than one thing. Are Dark Triad members better-looking than most of us, or do they just dress better? Nicholas Holtzman and Michael Strube of Washington University in St. Louis tried to disentangle these two types of attractiveness. Unadorned attractiveness is a person's natural beauty, which includes physical traits like facial symmetry. As facial symmetry says a lot about the quality of your genes, people tend to find more symmetrical faces more attractive. Adorned attractiveness, which refers to how

people normally dress up, depends on transient factors such as choice of clothing and makeup. A third measure is effective adornment, the difference in attractiveness between a person's unadorned and adorned states.

Holtzman and Michael asked over a hundred college students to join their study. The students entered the lab, dressed in what they regularly wore to impress. The research team captured their polished hairstyles and stylish outfits on camera, using them as the adorned measure. For the unadorned measure, the students removed their accessories, tied back their hair and shaved off any facial hair. Dressed in plain sweat clothes, they looked like they were preparing for a possible

SEE *DARK TRIAD*, PAGE B8



COURTESY OF NARUSASU4EVER VIA FANPOP
Tom Riddle, conniving, handsome and selfish, exhibits the perfect example of a Dark Triad personality type.

3D scans are practical but not yet feasible

By IAN YU
Staff Writer

3D printing is now starting to get into the realm of manufacturers, yet still retains a certain hobbyist appeal, so getting a design might get a little easier with an equivalent scanner. Currently there are two companies looking to break ground in the mass adoption of 3D scanning: Makerbot with their Digitizer Desktop 3D Scanner and Matterform with their Photon 3D Scanner.

For the uninitiated, 3D printing works similar to your regular inkjet printer, putting ink onto a paper based on the file you want to print. Just as you have PDFs, JPEGs and TIFFs to print out a document or an image, 3D printers have several file formats that tell them where to put their ink, except instead of ink they can use plastic or another material with three-dimensional capabilities and they aren't limited to the confines of a two-dimensional piece of paper.

Just as scanners can digitize an image into any one of those file formats, the scanners from Makerbot and Matterform set out to do the same in the 3D file formats. Makerbot has had success in the 3D printing sector and has only offered a glimpse of what the scanner will do, namely digitize your object of choice. In contrast, Matterform just started up and relied on the crowdsourcing site Indiegogo to raise its funds towards a ship date of November of this year.

While 3D printing has gotten a lot of popular attention lately, the scanning side has only received a portion of the spotlight because of Makerbot's and Matterform's attempts to bring 3D scanning to a much larger market. Other companies already have built 3D scanners for more "professional" users, although they have not yet achieved a marketable price, with one device reportedly



COURTESY OF COMMONSWIKIMEDIA.ORG

With the advent of three-dimensional printing, manufacturers are able to create products from digital file formats.

costing over \$20,000 just four years ago. On top of that, these earlier scanners were not geared towards a generation of 3D printers meant for the hands of the public at large, or even individuals willing to shell out some good money for these gadgets.

3D Printers are still in the price neighborhood of \$1000 to \$2000, but Matterform will probably set an early benchmark for other manufacturers by marketing their scanner in the \$400 to \$600 range during their crowdsourcing phase. This will put pressure on Makerbot to either deliver a scanner that can match that price range or deliver something extra. Integration with a printer, like the ubiquitous inkjet all-in-ones that a lot of college students personally

use, is probably way too soon to be a viable ploy.

First they'll need to tackle the more fundamental question that shapes the challenge of any similarly new technology: what exactly is the promise of 3D scanning? Well, as one might imagine, using the scanner in conjunction with a printer will make it easy to duplicate another reasonably sized object visually, although a clay garden gnome will probably

wind up being printed in a vastly different material.

In their video pitch, Matterform's co-founders Adam Brandeys and Drew Cox suggest that this allows for the design of a 3D printable object using tools in the three-dimensional world, such as sculpting a model that can be scanned into a computer. They

show a sculpted model being scanned into a file that encodes the surface as a collection of points, which can subsequently be turned into a mesh surface for digital visualization before printing the design. Presently, most designs for the 3D printer are made on the computer, creating a challenge for true appreciation of the full design before it is printed.

You won't have to search far to see some of the unique examples of 3D printing that are coming into use, including smartphone cases in a new kind of manufacturing sector. Biological cells can also be used as the ink in making skin grafts, organs and other tissues for regenerative medicine. There's even development of 3D printing for food.

Perhaps the day will come when your perfectly shaped holiday cookie can be scanned into a digital file and printed by friends and family for their enjoyment.

Darker personalities dress to impress others

DARK TRIAD, FROM B7
chemical spill in organic chemistry lab. The team had unrelated observers rate the attractiveness of both sets of photos, and then students rated their own personality traits with a survey. Wanting to ensure student honesty, they asked each person to pick up to 10 peers to rate them.

Students who scored high in the Dark Triad had higher ratings for their adorned photos, but not their unadorned ones. This suggests that a well-

executed makeover can help level the playing field. But this trio has other ways of mesmerizing their prey. Recent research suggests that narcissists tend to use more sexual words, perhaps enticing potential mates through a bad boy or bad girl image. Paul Babiak, an industrial psychologist, and Robert Hare, a psychopath expert, theorized that psychopaths do the opposite: they snag their victims by presenting themselves as kind-hearted and charming. Because the target is often caught up in the joy of falling in love, he or she fails to notice the outrageous lies, unexplained

tardiness and suspicious calls from the psychopath's other boyfriends or girlfriends. When the psychopath gets bored or finds another conquest, he or she slowly and subtly withdraws his or her affections. This causes the victims to become increasingly desperate in their attempts to win back their twisted lovers.

It might be hard to see people like Tom Riddle as

Melanie Hsu Animal Antics

successful, but evolutionarily speaking, the Dark Triad's strategies pay

off. Because these people cannot forge lasting relationships based on mutual respect and reciprocity, they evolved a suite of traits to help them utilize a short-term mating strategy. Evolutionarily speaking, this tactic allows the Dark Triad to transmit their genes to the next generation through having sex with many people. The high social statuses of some of these people also grant them access to high-quality mates. Altogether, these strategies allow the Dark Triad, and especially psychopaths, to steal the competition in both the workplace and bedroom.



COURTESY OF COMMONSWIKIMEDIA.ORG

Narcissus was known to be infatuated with his own reflections.

Four explosion-resistant materials that may save your future self

By SOPHIA GAUTHIER
Science & Technology Editor

Amidst our country's gun control debates, Korean peninsula tensions and recent acts of mass violence in the news, we begin to wonder how we can ever feel safe again. While intense debate arises when discussing the pros and cons of increased weaponry in the hands of common citizens, some scientists are spending their time developing hard-to-argue-with solutions for the ever-increasing instability of the modern world.

Thanks to some up and coming technology, the classic arms race is taking a protective spin on personal defense. Below are five new and developing materials that have the potential to change the future and save lives.

BOMB-PROOF CONCRETE

While the concept may sound mythical at best, it may be surprising to learn that such a material has already been used to construct several government buildings among other things in Australia.

Engineers at the University of Liverpool in the UK have been exploring several options to strengthen the common construction go-to and they seem to have found the perfect mixture. This new concrete contains a much lower water-cement ratio than in traditional concrete and

only utilizes silica sand particles as an aggregate which is much more fine than traditional crushed stone or gravel. The concrete is then reinforced with embedded steel fibers that possess extremely high compression ratings. Scientists claim that the tensile strength of the new material may be up to ten times stronger than that of traditional concrete.

Engineers have been testing the material with controlled explosions and so far have gathered positive findings. Because of its strength, the new concrete is less likely to disintegrate and turn into deadly shrapnel upon a close range blast impact.

The higher curing temperatures and limited shaping abilities of the new

concrete are a small price to pay for its potentially life-saving qualities.

EXPLOSION-PROOF GLASS

Of course, you have heard of Plexiglas (which isn't actually a glass at all, it's a thermoplastic!) and it's shatter resistant abilities. You are probably also already aware of the greenish Harry Potter novel-thick blast-proof glass panels that protect important world figures like President Obama and the Pope. But what about thin, lightweight blast-resistant glass? Such things may be headed for our very own windows within the next couple of years.

Collaboration between scientists at the University

of Missouri and the University of Sydney, Australia as funded by a grant from the Department of Homeland Security's Science and Technology Directorate are working towards developing such a material. They have high hopes that the new glass will be able to withstand the rattles of an earthquake, the winds of a hurricane, and the blast force of an explosion.

Such panels are actually made up of a weave of tiny glass fibers, thinner than the width of your average human hair, soaked in liquid plastic and bound by an adhesive. Special engineering has rendered the panes transparent and the whole thing is only about a quarter of an inch thick. Preliminary tests with small panels of the

new material have proven highly successful. In one trial, the entire front side of the pane remained intact after a close-range detonation while the other side merely cracked but resisted shatter. Fingers are crossed for success on a larger scale.

BLAST-PROOF FABRIC

Imagine if there was a miracle fabric—a fabric that could withstand multiple blasts and still maintain its original integrity. Thanks to recent efforts, there's no need to imagine such a material any longer.

Made by Patrick Hood, creator of the fabric and managing director of Auxetix Ltd., Zetix fabric defies physics by utilizing the principle of helical-auxetics, where objects increase in size when experiencing an increase in tension. This principle is rather counter-intuitive.

Imagine a bungee cord. When you put tension on the cord, the strands stretch and the cord becomes thinner. However, with Zetix fabric, an additional fiber is wound around the original cord. When taut, the secondary fiber stretches tight, causing the cord to bulge outwards.

The incredible application of this material becomes evident when it is woven into a fabric. As a sheet, each thread undergoes the principle explained above when under stress. The bulging of each thread creates thousands

of pores that allow airflow but are small enough to block flying shrapnel. Once the discharge passes, the fabric returns to its original form, ready to protect against a second explosion.

Not only does the fabric have vast potential for applications, it is also extremely cost-efficient. It is made up of the same expensive state-of-the-art materials used in today's blast-resistant fabrics, but in much smaller quantities and in conjunction with cheaper materials.

Auxetix Ltd. has entered into discussion with other companies for mass production, however it is not yet known how soon the material will be out in the commonplace market.

BOMB-PROOF WALLPAPER

This is probably the greatest mind-warp of them all. Why just have blast-proof concrete walls when you can reinforce with wallpaper as well? Bomb-proof wallpaper is the brainchild of Berry Plastics and the U.S. Army Corps of Engineers. The X-Flex Adhesive sheets are literally of the peel and paste variety that can be rolled over any surface in a matter of minutes. The X-Flex Adhesive sheets can prevent a wall from buckling in and collapsing following a blast impact, and that means safer structures and saved lives.



COURTESY OF WWW.PRLOG.ORG

When a bungee cord stretches, it narrows. Zetix fabric works in the opposite fashion and widens with tension.

Hopkins successfully reduces medical waste

By ELLE PFEFFER
Staff Writer

Hospitals can seem like a world unto themselves — doctors flying around frantically, machines beeping everywhere — but one thing about them is pretty ordinary: they produce trash. The not so ordinary part: it's a lot of trash.

According to Healthier Hospital Initiative (HHI), a campaign devoted to helping medical care become more sustainable, health facilities generate 11,700 tons of waste daily, averaging to about 26 pounds for each staffed bed.

A new campaign at Hopkins Hospital seeks to decrease the amount of waste produced, medical and otherwise, and has proven a success since its launch in October 2012.

In these first few months, the Hospital has decreased its overall trash production by 17 percent, largely due to better coordination and the addition of one thousand recycling bins placed around the facilities. In more concrete numbers, this is 200,000 less pounds of trash per month.

The campaign extends beyond increased recycling and tries to control the volume of regulated medical waste, or RMW. This category of waste includes products that contain any blood, body fluids or other substances that could be infectious — needles, for example.

"We removed regulated medical waste trash cans from areas that should not be producing RMW," Kristian Hayes, the assistant director of general services for Hopkins Medicine, wrote in an email to *The News-Letter*. "We also rolled out an extensive education program to clinical and non-clinical staff so that they could be educated on what is truly considered RMW."

Working under guidelines established by HHI,



COURTESY OF WWWIECYCLE.ORG
The need for sterile equipment in hospital settings has driven the production of medical waste sky-high.

the Hospital challenged itself to limit RMW to 10 percent of total waste produced by the hospital.

As of March, they lowered the percentage of RMW to 14, a sizable reduction from the 34.74 percent recorded last September.

"[Our] early success is contributed to education, once people knew what was considered RMW they had no problem following the rules," Hayes wrote. "Healthcare is

As of March, they lowered the percentage of regulated medical waste to 14, a sizable reduction.

driven by protocols, so our clinical staff are used to doing things in a particular way, and RMW segregation was no different."

Similarly, Hayes attributed the easy adjustment regarding the separation of regular trash and recyclables to the staff's familiarity with recycling at home.

This is not the first time that the Hospital has worked toward sustainable solutions for medical waste. In 2006, the Hospital used autoclave ma-

chinery to decontaminate and shrink up to 2,600 pounds of medical waste each hour. The steam-dependent operation made the waste landfill-ready without dangerous emissions to the atmosphere.

The new trash reduction campaign was part of a larger plan by the Johns Hopkins Health System's Sustainability Network adopted in 2011. Other measures include water, energy and natural resource conservation.

Hayes and her team worked in consultation with Maryland Hospitals for a Healthy Environment (MD H2E), an organization that provides support for sustainable development in hospitals, clinics, laboratories and other health-related facilities in Maryland.

Joan Plisko, MD H2E's technical director, was able to provide Hayes with numerous technical resources as well as networking advice.

Even once the waste materials are properly separated, it is still important to find the proper outlet or vendor for disposal, Plisko explained.

"Many times [the hospitals] work in partnership with their vendors — with their waste man-

agement vendors...." Plisko said. "We also work to connect hospitals to other providers that are doing similar work."

Plisko believes that the success at the Hospital will spread easily to other members of the Hopkins health system like the Bayview Medical Center in Eastern Baltimore and the Howard County General Hospital.

"In addition to doing this at the hospital, the whole health system is also looking to do similar types of efforts using the hospital as an example," Plisko said. "The experiences that Kristin and her team have gone through can be applied to other hospitals within the health system, which is a very efficient way of doing things — so the lessons learned, transfer."

Ethnicity determines the body's defense system

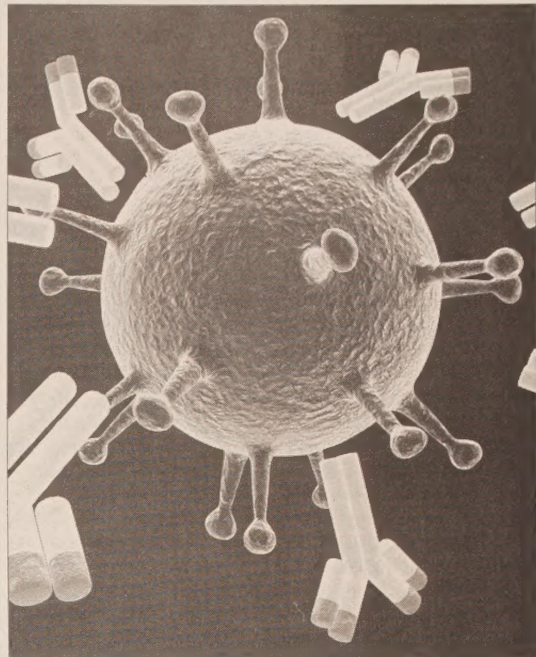
ETHNICITY, FROM B7

samples, scientists were able to attribute the difference to the subject's ethnicity. Across 425 subjects encompassing Europeans, Asians and Africans, the experimenters discovered that individuals can possess between five to eleven copies of IGH genes.

The study is currently in its early stages, but it shows significant promise in gaining a deeper understanding of the human immune system. While the effects of the deletion and insertion of genes in the IGH chain is not clear, the significant differences across different ethnicities points to an area of immunity research that has been neglected. These differences across different

groups point to the possibility that each group will react differently to drugs designed for the entire population. Since these individualized responses are not taken into consideration in present drug development processes, the effectiveness of new drugs may be reduced and may produce unforeseen effects for different populations.

Watson discusses his vision for the research, "We hope to use the sequence data generated during this study to inform better descriptions of these genes at the DNA level ... applying this information to understanding how genetic variation in antibody genes impacts on antibody production in humans."



COURTESY OF 2012.IGEM.ORG
The types of antibodies you possess may be dependent on your genes.

Discovered dinosaur species fills record

DINOSAURS, FROM B7

to discover a species of dinosaur that lived after this split.

Several distinctive features about the bones placed Dahlokely tokana in the Abelisauridae family (meaning "Abel's lizards") of cretosaurian theropod dinosaurs. This family of dinosaur was common to the ancient southern supercontinent known as Gondwana including what is now known as South America, Africa, Arabia, Madagascar, India, Australia and Antarctica. Other fossils of dinosaurs that belong to this family have been found in many differ-

ent southern and central countries such as India, Argentina and various other countries in South America.

As a member of the Abelisauridae family, Dahlokely was a small carnivore roughly the height of a human. The Abelisauridae family thrived during the Cretaceous period but dates back to the mid Jurassic period. One species of Abelisauridae, Majungasaurus crenatissimus, survived until the end of the Mesozoic Era 65 million years ago. One species of Abelisauridae, Carnotaurus, was featured in

the 2000 Disney movie "Dinosaur." However, for dramatic purposes, it was depicted as a great deal larger than it actually was.

The research team was headed by Andrew Farke, the Augstyn Family Curator of Paleontology at the Raymond M. Alf Museum of Paleontology and funded by Jurassic Foundation, Sigma Xi, National Science Foundation and the Raymond M. Alf Museum of Paleontology. The paper discussing the discovery of Dahlokely tokana appeared in the April 18, 2013 release of the Journal PLOS ONE.




COURTESY OF MKLOVESBOOG VIA FANPOP

The relationships between dinosaur species were impacted by shifts in the Earth's tectonic's plates.



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SPORTS

W. tennis unbeaten in conference

By MITCH WEAVER
Staff Writer

For the Hopkins women's tennis team, excellence is not an option; it's a must. And this past weekend in both of their matches, not only were they excellent, but they were also flawless.

On April 25, the Lady Jays took on the Bullets from Gettysburg College, and calling it a mismatch would be an understatement, as Hopkins put a 9-0 team drubbing on the Bullets.

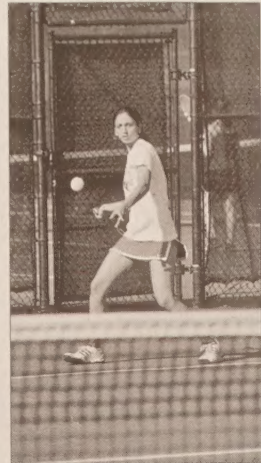
Abby Clark, one of the key players for the #6 Lady Jays, won her 75th career match. Hopkins set the tone early in the match with a 8-0 win the first doubles match by junior Hailey Hogan and sophomore Shannon Herndon.

Déjà vu struck the Bullets in the second doubles match, when Clark and sophomore Stephanie Rettig won by the same margin. Third doubles was marginally better for the Bullets, as sophomore Elaine Baik and senior Andreea Berlinghof strung together an 8-2 victory to finish off the doubles matches for the Lady Jays.

Singles matches turned out to no different for the Lady Jays, as there was no slowing down the #6 Lady Jays. Freshman Olivia Kasten picked up where first and second doubles left off by powering to a 6-0, 6-0 victory in fifth singles, while Lauren Fields finished off a romping of her opponent by a score of 6-0, 6-1 in fourth singles. Kara McDonough dominated in her matchup at sixth singles with a 6-2, 6-0 win as well. At first singles, junior Abby Clark defeated Meg Kelly from Gettysburg to earn her milestone

75th victory, and she did so with ease, winning 6-0, 6-1.

Finishing off the Bullets was up to sophomore Kaitlin Pfisterer and Berlinghof to seal the deal, and they did so without issue. At second singles, Berlinghof finished her opponent with a score of 6-3, 6-0, while Pfisterer cruised to a 6-0 6-2 victory at third singles. When asked about the match, Kasten was upbeat



FILE PHOTO
The team's record is now 16-2.

and pleased to see how well the squad faired while trying some new things out. "The match against Gettysburg was a good opportunity to experiment with a couple of different doubles teams," said Kasten. "It gave some insight to what our team needs to do to further prepare for the upcoming NCAA tournament."

In order to clinch the top seed in the Centennial Tournament, the Jays had to come back quickly with another strong performance, this time against the Garnet of Swarthmore College. This proved to be a relatively easy task once again for Hopkins, as they

replicated their Gettysburg performance in Swarthmore, PA, beating the Garnet 9-0.

Hogan/Herndon and Clark/Rettig, first and second doubles, started the Jays off quickly by each winning their matches 8-2. To finish off the doubles parade, Baik and Kasten cruised to their third doubles victory by a score of 8-3.

Singles proved to be much of the same for Hopkins. Baik earned victory by a score of 7-5, 5-2 at first doubles, while Hogan dominated in her second doubles match, winning 6-1, 6-1. Third through sixth singles were no contest for the Garnet, as Hopkins turned up the heat late. Herndon kept the train rolling for Hopkins, storming to a 6-0, 6-1 win, while Rettig did her best to match Herndon, winning her fourth singles match 6-1, 6-0. Clark was able to keep the 6-1, 6-0 trend going in her fifth singles match, beating opponent Katie Samuelson. Finally, Gayatri Iyengar had her hands full with Libaw at sixth singles to complete the match with Hopkins, as Libaw sealed the deal with another 6-1, 6-0 victory.

With the win, the Lady Jays clinched the Centennial Conference regular season title, earning them the #1 seed in the upcoming conference tournament. Not only did this win insure an undefeated conference schedule for Hopkins, but it was their 70th straight Centennial Conference victory. The sixth ranked Lady Jays are currently 16-2/10-0, and will host the Centennial Conference Tournament, starting May 4, against either Haverford or Washington College in the semi-finals.



FILE PHOTO
The Lady Jays will play in and host the ALC conference tournament this weekend at Homewood Field.

W. Lax squeaks by Ohio State

By DAVID RAUBER
Staff Writer

The Jays were able to get back on track with a close 11-10 win on Sunday at Ohio State. After falling to Penn State in a one-goal game last week, the Jays were able to secure the fourth seed in the upcoming ALC tournament, with a one-goal victory of their own.

Although Hopkins came out of Columbus with a win, they were not in the driver's seat the whole game. Jackie Cifarelli opened things up for Ohio State with a goal from point blank range, just five minutes into the contest. Kelsea Ayers wasted little time, adding another goal for the Buckeyes just two minutes later. However, after a brief lull in the action, the Jays scored quick back-to-back goals just thirty-seven seconds apart. Junior Taylor D'Amore struck first for Hopkins with a crafty sidearm shot, and class-

mate Sarah Taylor followed with an unassisted goal of her own.

After Mary Kate Facchina regained the lead for Ohio State with just over nine minutes to go in the first half, junior Sammy Cermack answered with a free position goal to tie the game at three just twenty-one seconds later.

The teams continued to trade goals for the remainder of the frame and the score was ultimately tied at five at the end of the first half. After Mary Kate Facchina put the Buckeyes back on top to start the second half, the Jays stepped up with four unanswered goals to gain a three-goal lead.

Freshman Dene' DiMartino started the run, scoring the equalizer off a dodge. Taylor then scored her second of three goals on the day to put Hopkins on top, just thirty-three seconds later. More firepower from Cermack and DiMartino put

the Jays ahead by three, giving them their biggest lead of the game. Despite the offensive outburst by Hopkins, their opponents would not go down without a fight.

With seventeen minutes to play, the Buckeyes scored back to back goals less than a minute apart, to shrink the Jays' lead to one goal. Four minutes later, Katie Chase scored for the Buckeyes off of a dish from Cara Facchina, and the game was even once again for the fifth time.

Hopkins got back on top once again with nine minutes to play, as D'Amore and sophomore Jen Cook each scored close range goals less than a minute apart. A yellow card against Ohio State allowed the Jays to run some time off the clock, but the stingy Buckeye attack cashed in once again with under five minutes to play, as Facchina scored her fifth goal of the game.

In the remaining time, the Jays defense stepped up big to hold on to the one goal lead. Senior goalie Cosette Larash came up with a big save off of an Ohio State free possession, and sophomore Octavia Williams forced a key turnover, allowing the Jays to run out the clock and hold on for the win.

Taylor, who tallied a hat trick to spark the Jays, credited their ability to control the ball, as well as their stingy defense, for earning the win.

"I definitely think the draws were the key to success in the game, as we out drew them 18-5," Taylor said. "Possession is key!"

Taylor also touched on some things the team did differently against the Buckeyes after the loss to Penn State.

"I think we exploited their defense better, specifically their face guard on Taylor (D'Amore), by doing more one-on-one drives as her defender wasn't sliding to help out," Taylor said. "We scored a lot of goals off of those drives, because their defense wasn't adjusting fast enough."

Looking forward, Hopkins will host the ALC tournament this weekend at Homewood Field. In their first game, the Jays will face Ohio State once again.

While the team plans to make a few small adjustments in their game plan, Taylor says they aren't going to change anything to drastically.

"Facing Ohio State again in our first game could be a blessing or a curse," Taylor said. "It's always hard to beat a team twice in a row, however we know what to expect from them. I feel like we started off a little bit slow against them on Sunday, so that's something we need to improve on."

Face off for Friday's game is scheduled for 4:30 at Homewood Field.

Baseball secures first place in conference with 8-2 win

By JEFF SCHILL
Staff Writer

On April 26, the Hopkins baseball team traveled in-state to take on Centennial Conference opponent, Washington College. Freshman right-handed pitcher Carter Burns led the Blue Jays to an 8-2 victory over the Shoremen. Burns went seven strong innings, striking out five, and yielded just one earned run on the day, improving to 6-0 on the season. Burns has been extremely reliable throughout the season, and his record is certainly a reflection of his dominance.

As Burns shut down the Shoremen in the first inning, the Blue Jay offense came alive in the top of the second. Senior Chris Wilhelm launched a

double into the gap to get things started. Wilhelm then scored on a throwing error stemming from classmate Adam Weiner's bunt. Freshman Raul Shah then came to the plate and stroked a RBI single to score Weiner to give the Blue Jays a two run advantage.

After this quick burst of offense, the Jays remained quiet until the fifth inning when they were able to manufacture a few more runs to extend their lead. Sophomore Chris Casey singled to left field to get on base and was able to advance to second on a misplayed infield pop-up off the bat of senior Ryan Zakszeski. With two men on, senior Jeff Lynch came up to the plate and as is customary, roped a double to clear the bases to push the lead

to 4-1 after five frames.

The Blue Jays tacked on a few more runs due to sloppy play from the Shoremen and timely hitting from the visitors. They were able to shut the door as junior Ed Bryner and sophomore Justin Dreschel blanked the Washington hitters in the 8th and 9th innings, respectively.

The Blue Jays returned to the field the next day for a double-header matchup against Muhlenberg College. They needed just one victory to secure the top spot in the Centennial Conference and home field advantage for the Centennial Conference Tournament. The Jays took full advantage of this opportunity and swept the Mules to secure the regular season title.

Junior Tyler Goldstein

was on the bump for the Jays in game one and went six strong innings, striking out seven, and earned his eighth win of the year. As Goldstein cruised through their lineup, the pitcher for the Mules was not as fortunate. The Blue Jays struck early in the first inning when senior Kyle Neverman led things off with a ground rule double. After sophomore Colin McCarthy singled to score Neverman, Lynch reached base on a walk followed by a home run from Wilhelm. The home run marked the eighth of the season for Wilhelm and gave the Jays an early 4-0 lead.

Another big inning in the fourth extended the lead to eight runs and with the Blue Jay pitching staff, this cushion was more than enough to get the job done.

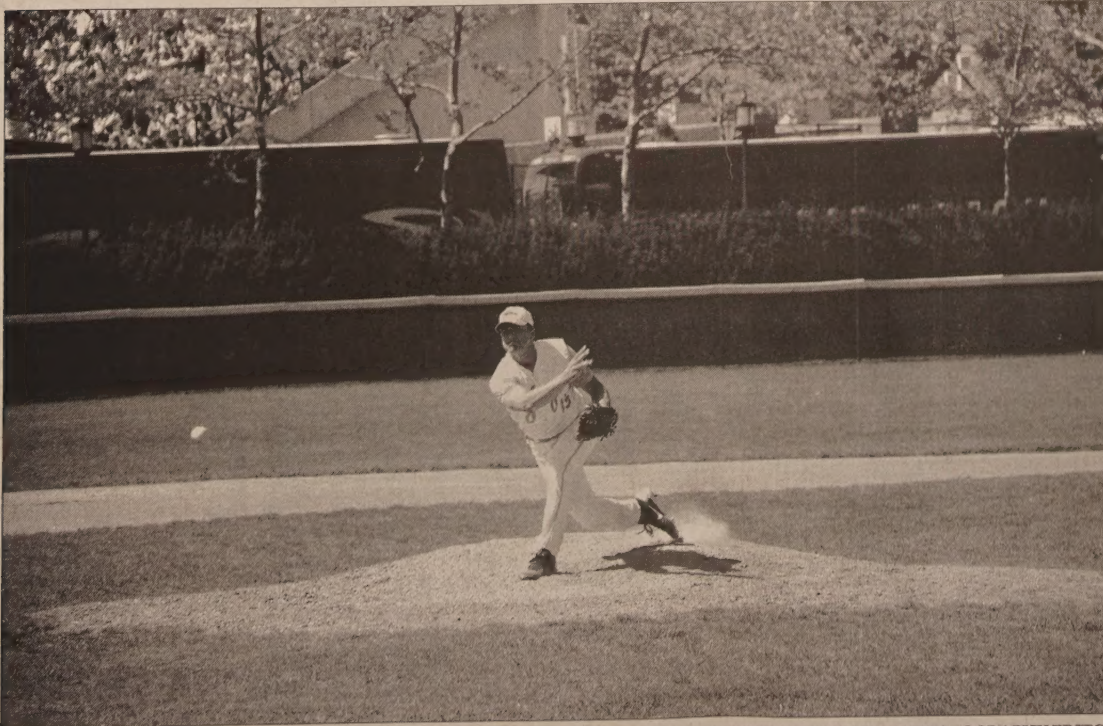
At the conclusion of the offensive rout, the Blue Jays took game one 15-2 and McCarthy, Wilhelm and Zakszeski combined for 10 RBIs.

The second game of the day certainly had a different atmosphere. The Blue Jays took a 5-0 lead into the eighth but allowed the Mules to climb back into the game as they steadily tacked on runs to tie the game at five. However, in the bottom of the tenth, junior Jonathan Hettelman came to the plate and hit a walk-off single to lift the Blue Jays to their 33rd win of the season.

Sophomore Thomas Solomon was on the hill for the Jays in his first collegiate start. Solomon, who spent most of the year as the go to long relief pitcher, earned the start and went five strong innings, allowing just three hits and no earned runs.

With the sweep of the Mules, the Blue Jays locked up first place in the Centennial Conference and secured home field advantage for the tournament, which could prove to be very significant. The Blue Jays are looking to avenge the outcome of last year's tournament, as the squad fell to Haverford and failed to make the Regional Tournament. Regardless of the outcome of the Conference Tournament, the Jays will go to the Regional Tournament because of their 33-5 record and strength of schedule. If the Blue Jays do not take the Conference Tournament, they will receive an "at large" bid to join the regional playoffs.

The Centennial Conference Tournament will take place this weekend here at Hopkins.



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

This weekend, the baseball team will host the conference tournament, beginning with an afternoon game against Franklin & Marshall.

SPORTS

M. Tennis defends top spot in standings

By ZACH OLAH
Sports Editor

As most Hopkins students were enjoying the plethora of events that marked homecoming weekend, the men's tennis team was focused on continuing their ongoing pattern of success by ending the regular season with two more wins. Hopkins, who is in first place in the Centennial Conference, had two matches against Washington College and NC Wesleyan.

The first match of the day was a battle against conference rival Washington College. The Blue Jays proved to be too strong to compete with, winning with a convincing 9-0 rout of the Shoremen. Noah Joachim and Jeff Kamei started the day off on the right foot in doubles play. They took down Vishnu Rajes and Marc Cywinski 8-0 playing in the first spot for doubles. The following matchup was the contest between Hopkins' David Greenbaum and German Gonzalez and Washington College's Joel Novick and Andy Pearson, at third. Greenbaum and Gonzalez came out on top with an 8-3 victory giving the team a 2-0 lead going into the final doubles matchup. Edward Corty and Jeremy Schwartz finished up the doubles play at second with an 8-4 victory over Dan Boate and Ryan Holtschneider.

Senior captain Andy Hersh started singles play for the Blue Jays Saturday afternoon. Not only did Hersh defeat his opponent without losing a single game, he also set the school record for singles wins in a career (81). David Maldow, a 2010 graduate of Hopkins and former teammate of Hersh's, previously held the record.

"I have been fortunate enough to achieve a lot of success here at Hopkins. I was able to play behind one of the best champions ever at this school in David Maldow my freshman year, so to surpass him in career singles wins means a lot to me. I had a rough start to the spring semester and really turned it around after spring break. I started doing more fitness and gained a lot of confidence once the wins started to pile up again. My teammates have certainly helped me get better on the court and being a senior and captain I feel

like I've needed to step things up. I told myself that if it were meant to be it would happen and so I'm happy it did," Hersh said. The team continued to rally behind their captain and finished the first match of the day perfectly. Now that the team was warmed up, they were ready to take on one their most hated rivals, NC Wesleyan. The match started with a convincing defeat at the second doubles spot when Nicholas Garcia and

Noah Joachim grabbed the first point of the match by topping Wesleyan's Peter Hviid and Mikhail Konnov. At the end of doubles play Hopkins led the match with a score of 2-1, losing only the matchup at first by a small margin.

Andy Hersh again took charge immediately in singles play and won his 82nd career match over Artiom Probstak, giving the Blue Jays a 3-1 lead. The tone was set for the match at this point and wins by Nicholas Garcia and Tanner Brown clinched the match for Hopkins.

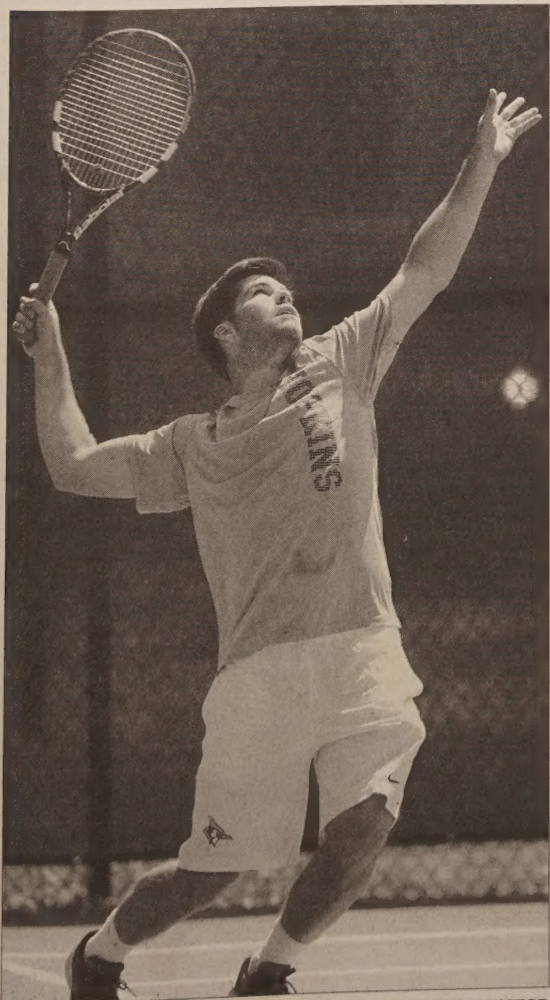
Brown's win marked a tremendous come-from-behind win over Robert Kjellberg, the second ranked player in the country.

Hopkins finished out singles play without dropping a match leading them to an 8-1 victory over a very dangerous 24th ranked NC Wesleyan team.

The team will be hosting the Conference Tournament in Baltimore on Saturday, May 4 as they look to take the conference title once again.

"Hosting the conference tournament is a great feat. We have hosted it my last four years and it makes our lives easier. We did what we needed to do throughout the season to make this possible and it paid off. Because our courts are so different from others, home court advantage plays a big role. We have taken care of the conference tournament pretty convincingly as of late and hope this holds true again this year," said Hersh.

The team has been working hard all season and now that the post season is here they all have one goal in mind: a National Championship. The conference tournament is their vital step to this goal and the first team in their way is an aggressive Haverford squad looking to end the Blue Jays' winning streak in dramatic fashion.



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

This weekend, the Blue Jays will host the conference tournament.

ATHLETE OF THE WEEK ANDY HERSH - MEN'S TENNIS

By KYLE METZGER
Staff Writer

A pair of Hopkins' wins was not the only big news in Men's tennis this weekend. Senior Andy Hersh earned his 81st career win, breaking Hopkins' career singles record. Hersh surpassed the 2010 graduate David Maldow as he trumped his Washington College opponent 6-0, 6-0.

Hersh, with a 19-8 record on the season, dominated both opponents in the Jays' team defeats over Washington College and NC Wesleyan. Hersh helped lead the Hopkins squad to a 17-2 overall record. The six-time defending Centennial Conference champions enter the conference tournament with a 13 match win streak and undefeated in conference play.

The Jays have been nothing but dominant throughout the whole month of April. Hersh went undefeated in April, with the opportunity to claim his fourth conference title in all four years at Hopkins.

Hersh took a moment to catch up with *The News-Letter* to discuss his team and personal accomplishments, along with future prospects for the Jays tennis team.

News-Letter (N-L): What does it mean to you to hold the career singles record at Hopkins? How long has it been a goal of yours?

Andy Hersh (AH): I've always put my team's suc-

cess and goals first, but this is definitely something that I will keep close and cherish as one of my best accomplishments in my career. It's a nice record to have and certainly not something you do overnight. It was very hard to beat. I'm thankful to have had such a great group of guys and coach who were able to help me improve as a player over these last four years. I've been working towards this record since my sophomore year after a great freshman season, but knew that it would take a lot of time and good health to make it happen. Records are meant to be broken, but I just hope this one sticks around for a long time.

N-L: Have you felt pressure this season to surpass the record? What kind of pressure and how do you handle it?

AH: These records can really freak you out. You read over them for a few minutes and then they stick in your head until you accomplish them. It's a test and that's why I like to go over these records. Between matches it's all I can think about, but then when I step on the court I

do my best to put them out of my mind. Things would be a lot easier if my parents didn't keep up with them though.

N-L: With great team success in the past, what are the team's goals this year? How has the team gone about achieving these goals?

AH: We have one goal and one goal only — go to Kalamazoo and bring back the hardware. Everyone on the team does

a great job pushing one another on and off the court to get better physically. However, I think our mental focus and determination to come back after last year's loss to Emory has

sparked our confidence for this year. We have really dissected the individual weaknesses of each player whether it's technical or physical and have made every effort to improve in these areas to the best of our ability.

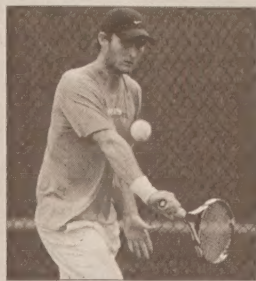
N-L: What do you believe has been the biggest key to arguably becoming the best singles player in Hopkins' history?

AH: As a freshman I had the luxury of playing beside one of Hopkins' all-

time best players in David Maldow. He resembled a champion and inspired me to follow in his footsteps. It's an honor to even think about having that title, but I think Maldow is still the most deserving. Preparation and discipline are two things that I constantly live by. I think that matches are won and lost before the coin toss or the first ball is struck. It's the little things that matter most and I stress that to my teammates as often as possible.

N-L: As a senior, what is it like being the teammate who is looked up to and relied on? Who do you see taking over as the team leader on and off the court next year?

AH: Being senior captain helped me become a better leader on and off the court. I enjoy the responsibility and commitment that comes along with this title and couldn't have asked for a better group of guys. There is really no better feeling than motivationally speaking for my team in the huddle before matches and then leading them into battle. We have a very young team, but I see Tanner Brown stepping up big next year as captain. He has an excellent work ethic and is one of the most important pieces to our team's success. I realized his potential early on and have done my best to prepare him for this role going into next year.



COURTESY OF WWW.CENTENNIAL.ORG
Hersh has a 19-8 season record.



FILE PHOTO

The men's track team put forth several noteworthy performances this past weekend as they readied for the upcoming conference tournament.

M. Track readies for conference tourney

By COLE RIDER
Staff Writer

The Hopkins Men's track team competed in their final events before the Conference Championships at the Penn Relays and the Shippensburg Invitational.

The Jays ran well against a strong field with the likes of Tennessee, LSU and many of the other top Division 1 track programs at the Penn Relays, the oldest and largest track and field competition in the United States.

Among Hopkins' top performers was junior Max Robinson, who competed in the 4x800 relay and the 10000-meter run at Franklin Field on the University of Pennsylvania campus.

The 4x800m relay team broke the program record and Robinson, along with teammate Joshua Baker, both ran faster than the previous team record in the 10000m.

Robinson has already set his sights on the Conference Championships that the team has been grooming for since day one of the season.

"The team's getting really excited for Conference Championship this weekend," Robinson said.

"We've been working hard all year for it and I really think we should be able to repeat as champs from Indoors. We've backed off of hard training recently to leave us as fresh as possible for the weekend, and hopefully we'll see some big personal bests."

Robinson and his teammate Joshua Baker ran times that placed them among the top 25 in the country with Robinson finishing 10th overall at the meet and Baker placing 20th. The record-breaking 4x800m team consisted of Trevor Holmgren, Ben Press, Steve Hyland and Andrew Carey, who's time of 7:42.92 was a full five seconds faster than the previous record time.

Another relay team, the 4x400m squad, ran its best time of the year with a time of 3:22.82. Just two days after the Penn Relays, other members of the Hopkins team competed in the Shippensburg Invitational.

Junior Julian Saliani's efforts exemplified the strong overall Jays performance. Saliani and teammate Wes Butler set personal records in the 1500-meter race with times of 3:57.52 and 3:58.15, respectively.

Saliani looked to po-

sition himself towards the top of the conference standings with a good showing at Shippensburg.

"I would say the guys that went to the Shippensburg Invitational completed our goals," the junior from Irvington, N.Y. said. "We wanted to solidify our seed times going into our conference championships next weekend. Wes Butler and I set our goal to break into the top ten in the conference and we succeeded."

The Jays also received strong performances from Alex Jebb and Kevin Keenahan in other track and field events. Jebb turned in a personal best time of 22.81 in the 200 meter dash and Keenahan moved into fifth place in the all-time Hopkins record book for the pole vault by clearing 4.15 meters.

Overall, the Hopkins men's team has run well this year, posting personal bests week after week. With each and every runner getting better every week, the team is primed and ready to run well in the Conference Championships. This event will be important for pride amongst conference rivals, but also in qualifying for the NCAA Championships.

The top sixteen runners for each individual event will qualify and the top twelve teams for each relay event will qualify as well. Many of the top teams in the nation hail from Wisconsin, with four out of the top five in the country being University of Wisconsin (UW) state schools.

Haverford, Hopkins' biggest rival in most sports, ranks ninth in the nation, according to NCAA.com, while Hopkins is currently outside the top 25.

However, the Jays have never looked stronger and appear ready to make a push at the post-season races.

The team is confident and focused on performing as well as possible.

"Going into the post-season we have a lot of runners trying to hit national qualifying times," Robinson said.

"We're going to be doing some fine tuning work in the next couple of weeks to leave us in position to do really well at the big post conference races."

The defending Centennial Conference Indoor champions will travel to Collegeville, Pa. next for the outdoor championships from May 3 to May 5.

SPORTS

DID YOU KNOW?

Captain of the men's tennis team senior Andy Hersh broke the school record for most career singles wins with 81 overall victories.

CALENDAR

Centennial Conference Championships
Hopkins Baseball
May 3-5th
JHU Baseball Diamond. The Hopkins men's tennis team will also play May 4th in the Centennial Conference Tournament.

W. Lax knocks off Ohio State in final seconds



FILE PHOTO
The women's lacrosse team faced a noteworthy opponent this past weekend after taking on a talented Ohio State team. The Lady Jays persevered in the game, earning themselves an 11-10 victory and a fourth seed in this week's conference tournament.

Jays Lacrosse held to four goals vs. rival

By FRANK SCHIFF
Sports Editor

The nationally ranked, number 11 Hopkins Blue Jays lacrosse team entered homecoming weekend against its Charles Street rival having beaten them in 13 straight games. Even more impressively, Hopkins owned an overall record of 47 wins in 50 total games against Loyola.

But on Saturday, the trend reversed. It was the Greyhounds who, in holding Hopkins to a mere four goals, received their first win at Homewood Field since 1998, by the final score of 8-4.

Loyola, the reigning national champions, gained the lead with 1:29 left in the first quarter and never fell back behind. They shut down a Hopkins offensive attack by forcing a total of 16 turnovers in the game while committing only half that number themselves.

Three Loyola midfielders, seniors Sean O'Sullivan and Josh Hawkins, and junior Kevin Ryan all finished with a goal and an assist, while the bulk of the scoring came from senior attackman Mike Sawyer who tallied a hat trick.

Nevertheless, it was Loyola's defense that enabled the victory on Saturday and silenced the packed crowd of 7,905.

Challenged with the task of diminishing a Hopkins offense that ranked sixth with an impressive 12.3 goals per game average, the Greyhounds responded by limiting the Jays to their lowest total since an 8-2 loss vs Navy back in 2012.

Hopkins got off to a dismal start when Phil Castronova, a junior fresh off a torn ACL injury that sidelined him for the 2012 season, tore his Achilles tendon while celebrating a teammates goal on the sideline. The reaction on the bench was one of shock and disappointment.

"This, I've never seen it in my life," head coach Pietramala said. "The boy was jumping up and down because he was excited, and he tore his Achilles tendon. That happened right as our Senior Day took place, and make no mistake, that took some wind out of our sails. We're terribly sorry for Phil. A torn ACL and then this. And he came back from his torn ACL like nothing happened. He just looked at me and said, 'I'm so sorry.'"

Like it was his fault. He'll come back from it. He'll come back next season, and we'll deal with it. Just so disappointed for him."

As gut-wrenching of an affect the injury was on the tight knit squad, they were forced to regroup and move on in order to defend a potent Loyola offense led by junior attackman Justin Ward. Pietramala's strategy, putting his best defender Tucker Durkin on Ward, worked to perfection as the co-captain Durkin limited Ward to only one assist all day, his lowest output of the season.

"Loyola's got one of the best offenses in the country," Durkin said. "So we knew coming in that it was going to be a huge challenge for us, and it was going to be a huge challenge for myself, he's a great attackman, but also for our whole defense because we defend a guy with seven guys, not one guy-on-one. I thought we did a pretty decent job of limiting him for the most part, but they also got some looks that we weren't too pleased with. So overall, I thought we did a good job on him and some of those shooters. But we can always better, and we didn't win."

With the help of Durkin, the Hopkins defensive game plan was a success, spearheaded by senior goalie Pierce Basset who registered 12 saves.

The Jays problem was centered around its offense attack which was stymied all afternoon. Only junior attackman Brandon Benn scored twice for the Jays, and, on a day where their leading scorer Wells Stanwick was held to one assist, they had to count on others to carry the offensive attack.

For the first time all season, Hopkins only converted on 11 percent of their shots.

"It's frustrating," Pietramala said. "When you look at the statistics, you think, 'Wow, we played well enough to win.' We sure didn't play well enough in the fourth quarter. They made the plays they needed to, and I don't think we did."

The Blue Jays record now stands at 8-5 with one game remaining in the regular season. On May 3, Hopkins travels to West Point, NY to take on Navy in what looks to be a must-win game for the Jays if they have any hopes of keeping their playoff dreams alive.



FILE PHOTO
The Jays fell to Charles Street rival Loyola for the first time in 15 years.

INSIDE

W. Lacrosse:

Jays upset #11 UVA

Freshman Jenna Reifler's lone goal of the game toppled Virginia with less than 20 seconds left in play. Junior Taylor D'Amore produced five assists to power the Jays victory. **Page B11**

Athlete of the Week:

Andy Hersh

Senior Andy Hersh broke the Hopkins career singles record this past weekend after recording his 81st victory in a hard fought match again NC Wesleyan. **Page B11**

Women's Tennis:

Sweeps the weekend

With victories over Gettysburg and Swarthmore the women's tennis squad continues to smash its competition. The team is now 16-2 overall and 10-0 in conference. **Page B10**

INSIDE

W. Track shatters records at Penn Relays

By ALEX PICANO
Staff Writer

This past weekend, the women's track team participated in the historic Penn Relays, at University of Pennsylvania in Philadelphia, Pa. Along the way they shattered Centennial Conference records. Hopkins also competed at the Shippensburg Invitational.

In the 4x800 meter relay, the team made up of Annie Monagle, Alex Popkin, Ingrid Johnson, and Maggie Shelton broke the conference record in their final event of the Relays. Their time of 8:58.61 placed them in seventh place and broke the 11-year-old conference record.

"I'm incredibly proud of the depth our team demonstrated this weekend," said Monagle, who is one of the captains. "We had some underclassmen really step up to the challenge of competing well in the high pressure environment of Penn Relays, most notably freshman Alex Popkin and sophomore Ingrid Johnson, who both ran phenomenal legs of our 4x800 relay. Ingrid and Alex ran season bests to put anchor Maggie Shelton in the perfect position to pace us to the sub-9 Conference record."

Monagle continued, saying, "Our team has put in so much work over the past couple of months and I'm so proud of everyone for staying focused! The work will absolutely pay off this coming weekend at our Conference Championships. The best part

about this year is the overwhelming team atmosphere of support and harmony; I am confident we will be closing our outdoor season on a happy note with many more personal, program, and conference records."

According to Shelton,

breaking all these records." Freshman Sophia Meehan, who ran the fifth-fastest time in Hopkins history for the 3000 meter, said, "The meet is on such a big stage and has a lot of awesome competition, and so it's a great place to run fast. It was amazing seeing

Kristin Spera jumped a personal best in the long jump with 5.27meters, while Alana Merkow threw the shot put 12.27 meters, earning second place overall.

When asked about the season, captain Merkow said, "As far as training, we've been working really hard, putting in a ton of hours into training to prepare for our conference championships this weekend and ultimately for nationals. Not only have we been practicing on the track and field, but our team has been putting in time in the pool, at yoga and in the weight room."

"As far as breaking records, we've broken so many school and centennial conference records this year and I think we're all just grateful and excited to be moving from being successful not only at the conference level, but at the national level as well. The captains, myself, Annie Monagle, Alexa Tzaferos, and Leah Sibener are really proud of all the team has accomplished this year and we really want our last couple weeks on the team to be a huge success. We'll definitely be going out with a bang."

Tzaferos said, "We've had a long two seasons but I'm happy to have had many achievements, both personal and with the team. Now that everything is winding down we're focused on our goals and pumped up to see our hard work pay off at our outdoor championship meet!"

ing all my teammates run personal records, as well as breaking school and conference records!"

The distance medley relay team, made up of Johnson, Shelton, Monagle, and Megan McDonald, also broke a conference record. Their cumulative time shattered a 16-year-old program record.

When asked about what the team has to look forward to now, McDonald said, "We have conferences this weekend so I'm really looking forward to coming together as a team and having fun with it. Conference is the most fun meet because we are actually competing towards a title, not just for times."

At the Shippensburg Invitational, the seniors had strong performances.

"The team is getting better and better every year. And one of the things I'm looking forward to most is having a significant presence at nationals for both the boys and girls teams. And that's definitely the direction we are headed in."

The underclassmen continued to pull their weight, with freshman Hannah Oneda breaking her own conference record with a personal record time of 16:35.56 in the 5000m run. She finished eighth overall, defeating Division I runners from large schools such as Cornell, Penn State, Michigan, and Texas A&M.

"The Penn Relays were awesome," said Oneda. "All of us have been training really well and working out, so it's great for us to see all the hard work paying off in



FILE PHOTO
The underclassmen runners played a large role at both the Penn Relays and Shippensburg Invitational.